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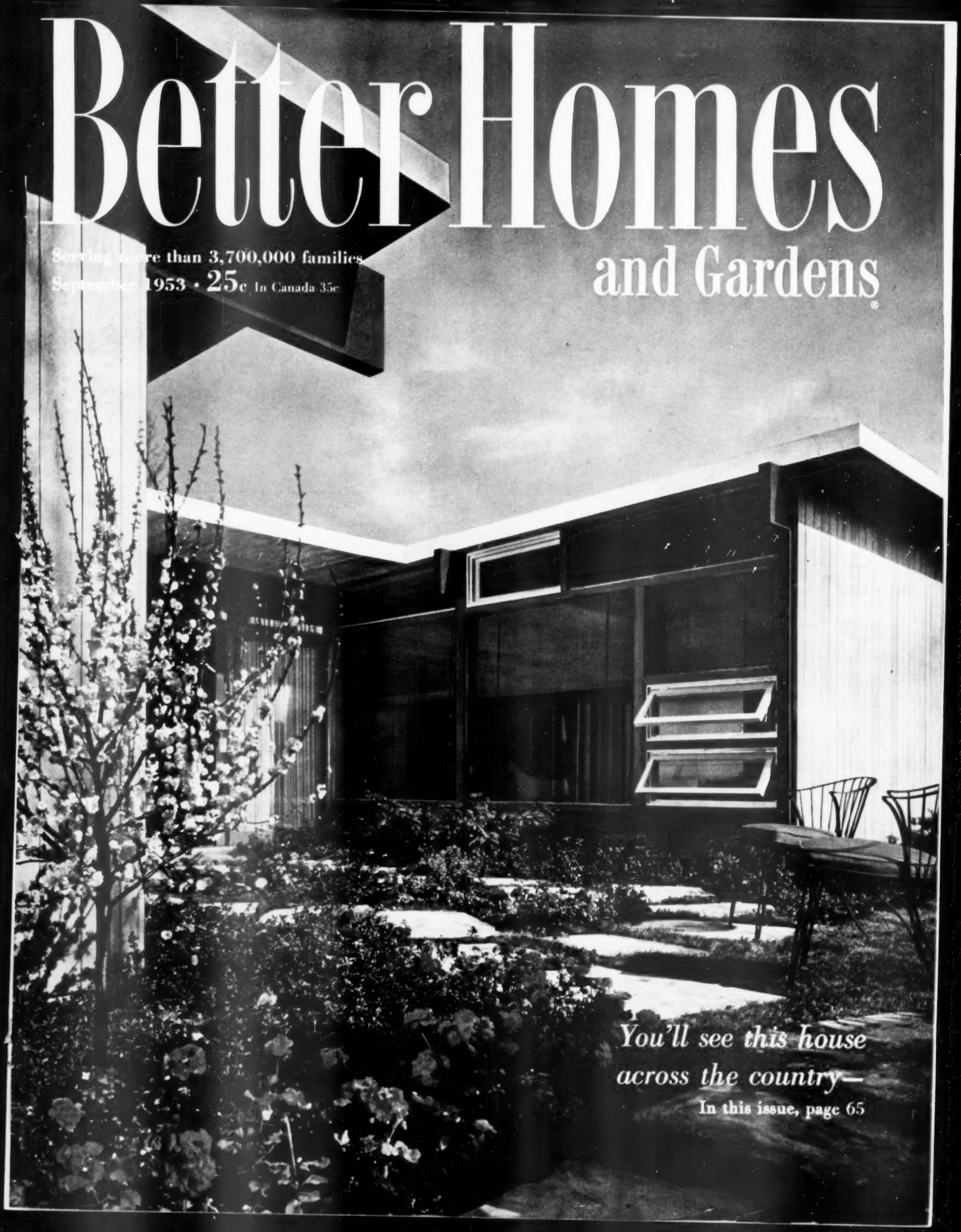

You'll see this house across the country—

In this issue, page 65

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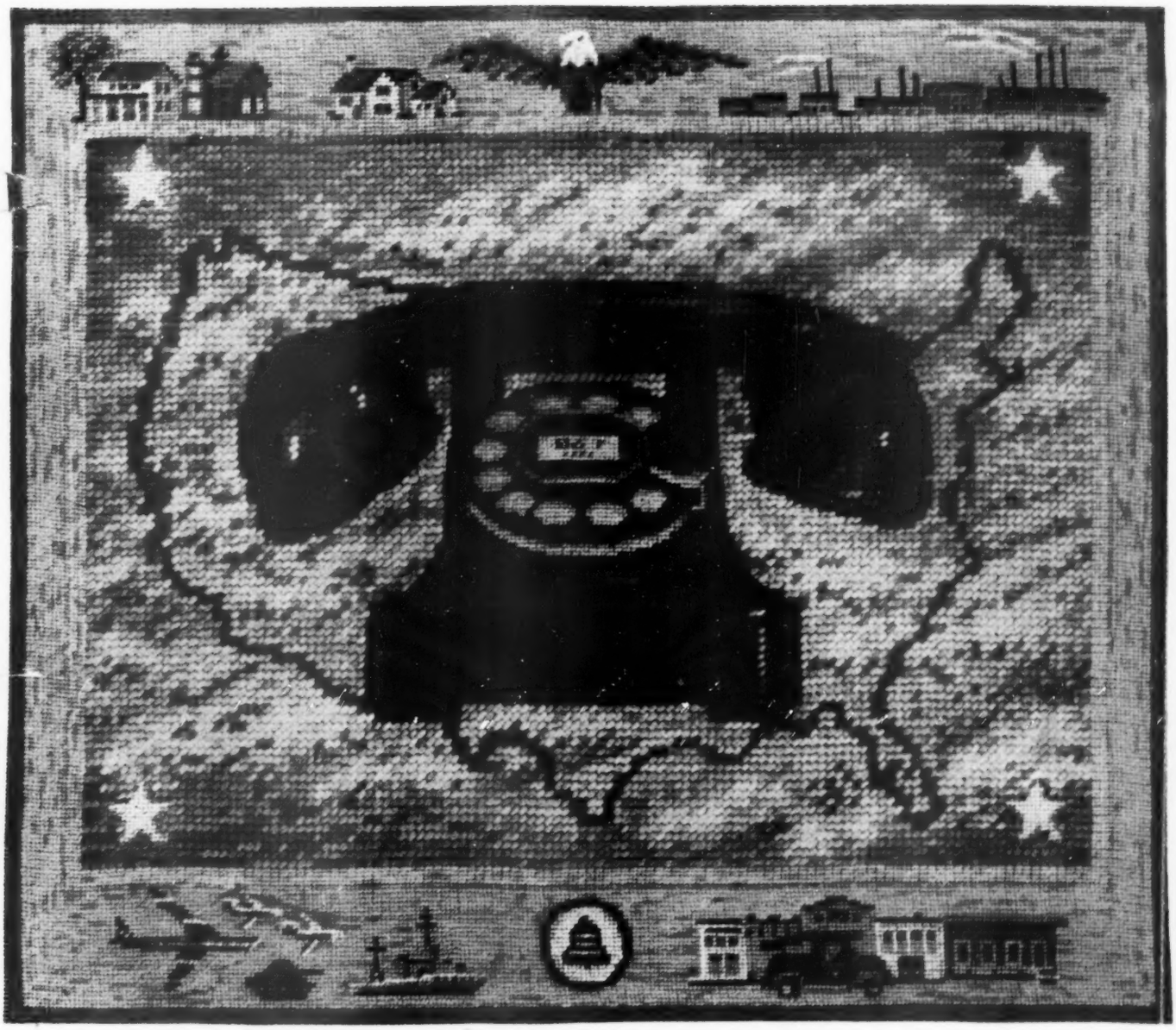

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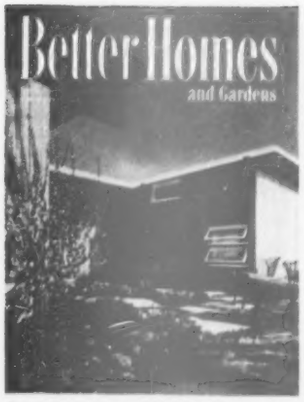

On our cover is a foretaste of this month's Five Star home—a beautiful and practical frame for today's good living. You'll find the full story of "The house you asked for" starting on page 65. Photography is by Hedrich-Blessing

Better Homes and Gardens®

September, 1953 Vol. 31, No. 9

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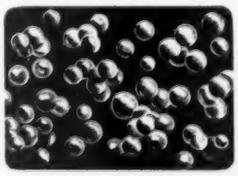

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FAMILY FINANCE

How much is enough insurance?

A sound insurance program should be based on your particular needs, your income and resources, and what you want it to do for you. Here's a guide to help you determine what's best for you and your family

This is the first of a series of five articles on family finance. Other articles will include income real estate and mortgages, common stocks and investment trusts, bonds and preferred stocks, and wills and estates.

By Virginia Bennett Moore

How much life insurance should a family own?

To find an answer, *Better Homes & Gardens* turned to authorities in the life-insurance field.

The first thing to do, the experts say, is to take a good look at your individual family. No two families are alike. Each has different needs and responsibilities; different incomes and resources, as well as different goals and standards.

From factors like these about your family will come two points: (1) what you have to work with; and (2) what you want life insurance to do.

Consider your own situation.

What do you have to work with? What is your family pattern of living? How many children have you, and how old are they? For how many years will they be wholly dependent upon the family? How old is the man of the family? Are his earnings stabilized, or will they continue to rise?

What savings do you have? What investments do you own? Is your family covered by Social Security or an employer's pension plan?

Then, consider very carefully just what you want insurance to do.

Are you interested only in providing money to meet the emergency which arises when death strikes the income-producing member of the family? Do you want life insurance to give your family an income during the growing years of the children? Is it more important to provide a lifetime income for the surviving spouse?

What are the special goals of your family? Are you interested in providing a college fund for your children, money for a home or a special trip, capital to build a business, or a retirement fund?

A study of these factors for your own family, plus a decision on what you expect and want life insurance to do, will help you and your agent determine what kind of a life-insurance program you should have.

Your family may own a home or some property, or have some savings, or both. Many families come under Federal Social Security. Some have other assets they can count on—a second wage earner, an employer's pension plan, or their own growing business.

For families in these circumstances—and they include most of us—the life-insurance authorities offer a practical rule of thumb:

The family with Social Security or some other resource can achieve fundamental financial safety with life insurance totaling three to four times its annual income.

This is followed with the advice to judge life insurance from the standpoint of what it will do for your family in terms of the income it will provide and the needs it will serve. Do not look at it as so many thousands of dollars in a package.

How much will this protection cost?

It usually will take 6 to 7 percent of the family's annual income.

You will find there is a great deal of latitude in cost among the different kinds of policies, and a life-insurance agent is indispensable in helping you make the wisest choice in fitting policies to your family needs.

To help you fit the rule to your family and its needs, let's look at some families that have built sound insurance programs.

Jim Johnson, 25, income $4,000

Jim Johnson, a plumber in a small Kansas town, has a wife, Emma; two children, Tim, 5, and Jean, nearly 3. Income from his business averages about $4,000 a year. [*Turn to page 9*

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How much is enough insurance?

Begins on page 6

Facing the issue squarely, he and Emma know money would be needed for funeral costs and for doctor or hospital bills beyond what his hospitalization insurance would pay. They estimate $1,000 would be needed.

Cash will be needed to pay off small debts and taxes, and to keep the family debt-free until Emma and the children are used to living without Jim. Another $1,000 was allotted.

To meet these needs, Jim bought *ordinary life* (often straight life) insurance, a low yearly cost insurance in which the premium payments and insurance may continue as long as the insured person lives.

Jim and Emma also know the family will need an income. Jim is self-employed and is covered by the Social Security program. If he dies, Social Security could furnish his family up to $168.75 a month until Tim becomes 18, and a smaller amount until Jean reaches 18. There would be no Social Security payments to Emma from the time Jean reaches 18 until Emma becomes 65. Emma then would receive small monthly payments.

Jim would like to add $100 a month to Social Security payments, particularly while the children are young.

Jim can provide this $100 monthly payment with a $10,000 "family-income" policy. (This is an ordinary life policy with term—or temporary—insurance added at a small extra charge.) He wants this special protection for a 20-year period.

If Jim dies during the next 20 years, the policy will pay $100 a month to the family until the end of the 20 years, and then still will have its full face value of $10,000. If Jim lives through the 20-year period, the policy continues as a $10,000 ordinary life policy.

Here is the way Jim Johnson, Emma, and his agent have arranged his life insurance:

- $1,000 for expenses.
- $1,000 for bills and readjustment. (Both could be included in a single ordinary life policy.)
- $10,000 family-income policy to provide monthly income and protection.
- $12,000 total permanent insurance for Jim Johnson.

The arrangement might not sound as grand as Jim might like, or perhaps as you would. But with Social Security payments, and considering they own their own home (monthly carrying charges on the $5,000 mortgage are a little less than a modest rent in their community), it provides a sound basis.

Jim's premiums on the ordinary life policies will be about $21 per $1,000 of insurance, or $42 for $2,000. Over a period of years, refunds of part of the premium (dividends) will bring the cost down to about $17 per $1,000. His premium on the $10,000 life- and family-income policy will be about $250, but dividends will bring its annual cost down to about $210. The total of his premiums would be $292, or just over 7 percent of his income. Dividends bring the annual cost down to $244, or just above 6 percent of his income.

The Jim Johnson family fits the rule of thumb. The total insurance being just three times Jim's annual income, and the cost being 6 to 7 percent of his income.

The rule for life-insurance ownership also can be stated this way: Own at least $3,000 of life insurance for each $1,000 of annual income.

Remember, too, the younger you are when you take out a policy, the lower the premium rates will be. The premium rate for ordinary life policies remains stable, based upon your age when you bought the insurance. Rates on term policies advance each time they are renewed, with the new premium based upon your age. [*Turn to page 11*

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How much is enough insurance?

Continued from page 9

Henry Smith, 40, income $6,500

Henry Smith, head draftsman for an engineering firm, averages $6,500 a year in salary and money from small outside contracts. He is under Social Security.

He and his wife, Ruth, have been married for 20 years and have three children, the oldest, age 19, is in college and the youngest is 10.

The Smiths are buying a house on the outskirts of Cincinnati and two years ago had reduced the mortgage to $5,000. Because of college expense, Henry's monthly outlay is heavy and probably will continue to be for 10 or 12 years.

Over the period of his marriage, he has done this:

Bought at age 20 a $2,000 ordinary life policy to pay for expenses, bills, and adjustments. His premium—$35; after dividends—$24.

Bought at age 21 (just after Henry, Jr., arrived) a $5,000 30-pay life policy. (Similar to ordinary life, except all payments will be made in 30 years.) Premium—$118 (higher than ordinary life); after dividends—$88.

At age 30 replaced a term policy with a $10,000 family-income policy which guarantees a $100 monthly payment to his family in case of his death. This protection runs until 1962, then the policy provides $10,000 protection.

These lifetime policies total $17,000, not quite three times as much as Henry earns annually. But he has some other temporary insurance policies. These are:

A $5,000 term policy to cover the remaining mortgage so that Ruth would have the home clear in the event of Henry's death. Cost of that policy (based on age 38)—$42 annually.

A $6,000 group policy bought through his office which shares the premiums. His share—$43.

These temporary policies push his total protection well beyond three times his annual income. But, because it is temporary, it should not be counted at full value when figuring against the "rule of thumb." Group insurance lasts only as long as you are a member of the purchasing group, although it can be converted when you leave the group. Conversion would be to an individual policy with the premium based on the insured's age at the date of conversion.

Here are the financial resources Henry Smith has assured his family with his life-insurance program:

At his death his wife would have: (1) $2,000 for expenses; (2) $5,000 to pay off the mortgage; and (3) funds for income. She and Henry already have planned how the money should be withdrawn.

Until Henry, Jr., reaches age 18, her monthly income would include $168 from Social Security; $100 from the family-income policy and $25-interest income from the 30-pay and group policies which temporarily would be held at interest by the companies. (The companies which issued the policies holding them at face value and paying interest to the beneficiary. This may be done only at the request of the insured, or the beneficiary.)

For four years, or until the youngest child is 18, Mrs. Smith would get $127 from Social Security, $100 from the family-income policy, and $25 from the other policies.

For two more years, or until the end of the family-income period, she would get $100 monthly from the family-income policy. She then would begin cashing in on the other policies, drawing an income of $49 per month from them.

Between the time the youngest child becomes 18 and the day Mrs. Smith becomes 65, Mrs. Smith would not receive Social Security payments, but could receive $93 monthly from the 30-pay life and the group policies. After age 65, she would begin receiving $63 monthly Social Security.

These combinations would give [*Turn to page 151*

A Wurlitzer now equips your children for the years ahead

You know how beautiful a Wurlitzer Piano would look in your home. How close it would draw your family together. How much fun it would add to entertaining.

But, even more important, you know what a Wurlitzer Piano can mean to your children's future. A Wurlitzer is like a good education. It can help youngsters develop concentration. Poise. Personality. Character. Traits that can smooth out many a bump in later life.

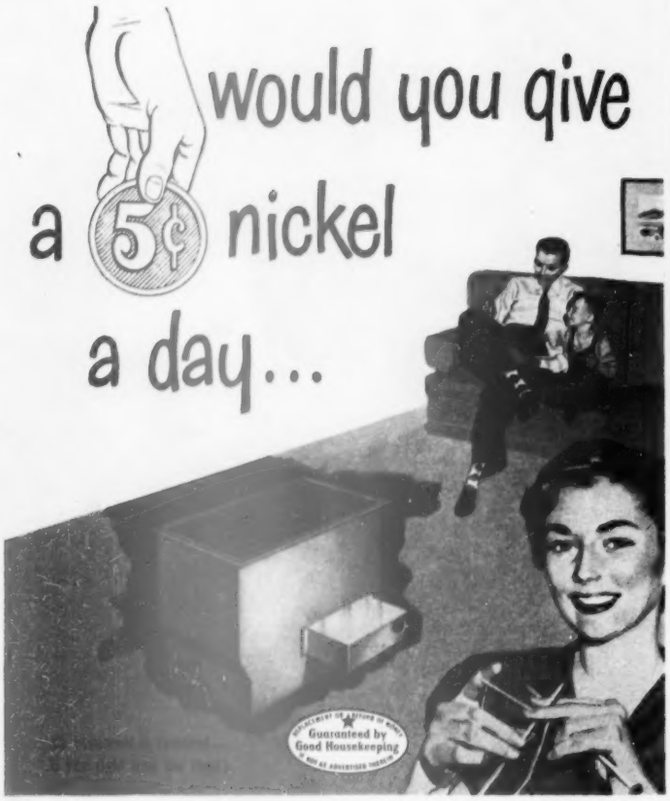
But childhood passes all too quickly. So don't put off seeing your Wurlitzer Dealer (or writing us for information). Remember, more parents buy Wurlitzer Pianos than those of any other name. Help your children get ahead in life with a Wurlitzer *now*.

NEW! If you want your piano to be the showpiece of your home, get this Wurlitzer Model 2300. Superbly styled in the finest French Provincial tradition. Magnificent fruitwood finish. Only $759 (bench included).

WURLITZER PIANOS

Made by the World's Largest Manufacturer of Pianos and Organs Under One Great Name

The Rudolph Wurlitzer Company, De Kalb, Illinois



TO HAVE TEMCO AUTOMATIC GAS HEAT IN YOUR HOME?

Aren't you tired of the back-breaking drudgery of making fires and taking out ashes? Aren't you fed up with the dirt and never-ending problems that go with an old-fashioned heating system? Perhaps you have already decided that it's high time you installed modern automatic gas heat. But, you say, the big bugaboo is the expense! Then here's great news—TEMCO has licked that bugaboo! Now you can install completely automatic TEMCO Gas Floor Furnaces in your home for less than the price of many non-automatic systems. It will cost you less than a nickel a day for the next 20 years . . . and that's the guaranteed life of the famous TEMCO Porcelain Enamel Heat Chamber . . . to put TEMCO Automatic Gas Floor Furnaces in your home.*

*average size 6 room house

For details and an exact price call your TEMCO dealer. You'll find his name listed in the yellow pages of your telephone book.

For those who prefer a wall unit. TEMCO makes the efficient and beautiful TEMCO Gas Wall Heater. Finished in tasteful Porcelain Enamel, this unit blends into the setting of fine homes. Fits between standard 16" OC studs for easy installation, upstairs or down.

TEMCO, inc.
NASHVILLE TENN
BUILDER OF OVER 1,250,000 GAS APPLIANCES

TEMCO, Inc., Department B-529
Nashville 9, Tennessee
Please send me more information about TEMCO Automatic Gas Floor Furnaces and TEMCO Automatic Gas Wall Heaters.

NAME_____
ADDRESS_____
CITY_____ ZONE____ STATE_____

Here's a new way to

Combination of perforated hardboard and the carefully engineered fixtures is an ideal way to organize a work area. The handyman has utilized all the odd corners in his workshop area. This is just one of the many ways you can use it. For instance, it's a good way to display and store the ever-changing hobby collections of your children

It probably seems you could *never* have enough storage. But often the smallest storage space can become more useful with the proper organization.

You'll want to investigate a new idea in storage organization. It combines perforated-hardboard paneling and special metal fixtures. There is a different metal fixture for each individual job. This new organization idea permits quick changes in your storage space. As your storage needs change, a flip of the wrist and the fixtures are inserted or removed from any position on the board.

Fixtures available include easels for holding things such as dishes, record albums, or handbags; shelves for storing books, cans, boxes, or any other item; brackets, hooks, racks for hanging anything from clothes to tools.

Because of the textured effect of perforated hardboard, you can use it to help you decorate, too. On page 68, see what a handsome wall it makes in the living room of this month's Five Star home. Here are more ideas to help you use this new way to organize storage.

organize storage

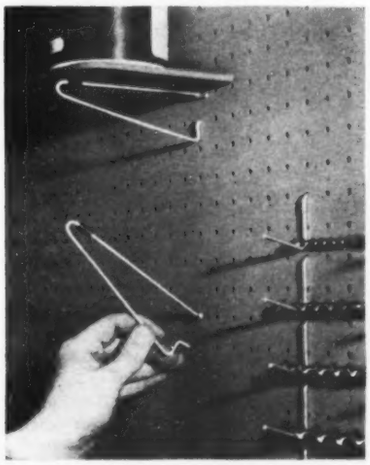
With this new idea you can put *all* the wall space in your garage to storage use, as is done here.

Just look at variety of things stored. It is designed to hold anything from snowshoes to sledge hammers, from sweaters to shellac to ladders.

Weight is not a problem either. As you can see here, it is designed to take the weight of heavy things.

There are more than 60 different types of support fixtures to choose from. Of course, each of the fixtures can do more than one job.

Photographs: Hedrich-Blessing

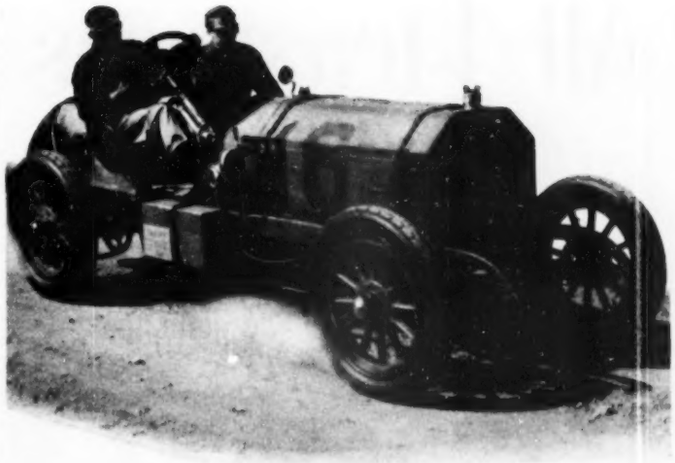


Here is the basic idea of this clever new way to organize storage.

You can make changes or organize storage without nails, screws, or other tools of any kind.

Just push in the fixture you choose to do the job. It fits firmly in holes.

More on next page



Mr. Peter Helck, internationally-known artist and automobile connoisseur, is the owner of "Old 16." This car was designed by A. L. Riker and driven to its greatest triumphs by "Daredevil" Joe Tracy and George Robertson.

"OLD 16" RIDES AGAIN —WITH A MESSAGE FOR EVERY CAR-OWNING FAMILY!

After nearly a half-century, legendary "Old 16," first American winner of the Vanderbilt Cup, still takes 100 miles per hour in its thundering stride. This ancient, able Locomobile uses Champion Spark Plugs—as do most of today's record breakers on land, water and in the air.

Apart from its historical significance, "Old 16" serves as an excellent reminder that proper care can prolong the life of *your* car. Each month, *Better Homes & Gardens* brings you valuable information on how to protect your motorcar investment, which—if you are a typical B. H. & G. family—is second only to the investment in your home.

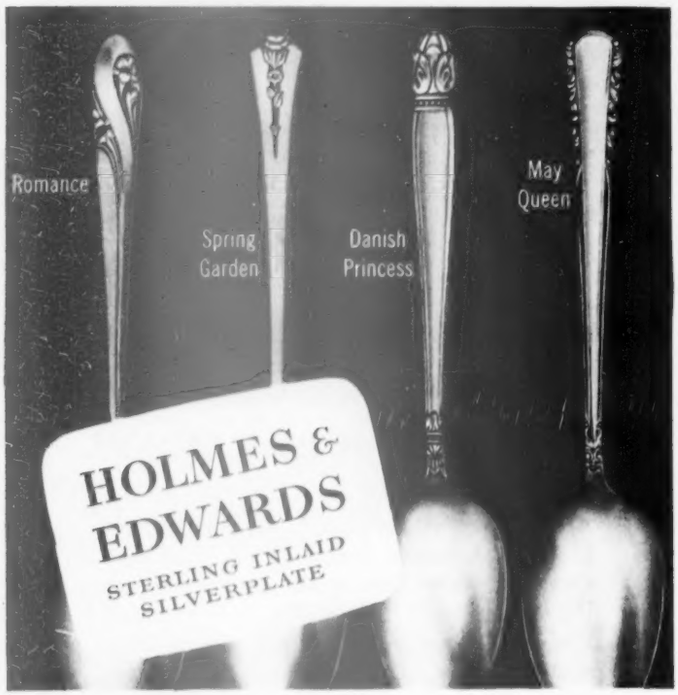
May we add the suggestion that proper care of your car should include CHAMPION SPARK PLUGS. Why Champions? Because the experts who know engine performance will tell you that Champions make any car, old or new, run better and last longer.

CHAMPION SPARK PLUG COMPANY, TOLEDO 1, OHIO

All 4 teaspoons for $1.00

REGULARLY RETAIL AT $3.33

One teaspoon in each of these lovely patterns mailed direct to your home



EXCLUSIVE MAIL OFFER! Now for the first time! You can see these 4 beautiful Holmes & Edwards patterns in your own home...on your own table. All 4 teaspoons for this special low price of only $1.00.

WHY WE MAKE THIS OFFER! We want you to hold them in your hand ... see the beauty of design ... the superb detail and fine craftsmanship of Holmes & Edwards Sterling Inlaid* Silverplate.

THIS IS THE BEST SILVERPLATE money can buy. Holmes & Edwards is made by the world's largest silversmiths, The International Silver Company. It's Sterling Inlaid* to stay lovelier longer. *DON'T WAIT!* Clip a dollar bill to the coupon and mail today!

**2 blocks of sterling silver are inlaid at the backs of bowls and handles of most-used spoons and forks for longer lasting beauty.*

MAIL COUPON TODAY WITH $1.00

MAIL COUPON WITH $1.00 TODAY!

Holmes & Edwards, Dept. C9, Box 100, Wallingford, Conn.

I enclose $1.00 in cash or money order with this coupon (no stamps please), for which you will send me one teaspoon in each of the 4 following Holmes & Edwards Patterns ... Danish Princess, Romance, Spring Garden, May Queen. This offer is limited to Dec. 31, 1953. I also understand I am under no obligation to buy anything other than the 4 teaspoons in this offer.

PLEASE PRINT

NAME _____

STREET _____

CITY _____

ZONE _____ STATE _____

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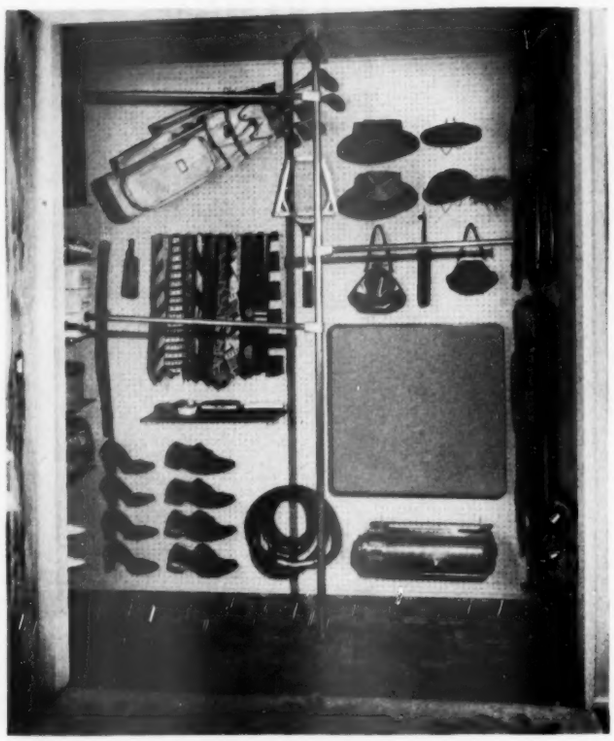
THE INTERNATIONAL SILVER COMPANY, HOLMES & EDWARDS DIV., MERIDEN, CONN. ALL PATTERNS MADE IN U. S. A.

Here's a new way to organize storage

Begins on page 12



It's a natural for closet-storage organization. There are fixtures designed especially to hold women's hats, men's hats, shoes, and ties, to name just a few. Note how all of the usually wasted wall space in this closet is put to work storage-wise and keeps things off the floor

That vertical clothes pole is a new idea, too, for hanging clothes. It just about doubles the available space you would have with a long, horizontal pole. The three "wings" of the metal clothes pole swing out to make the wall storage at back and sides of closets easily accessible

Never before - a heating guarantee like this!

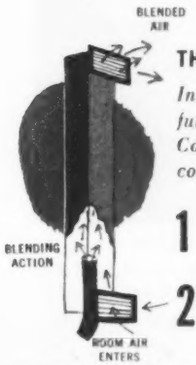
$1,000.00 Bond backs Coleman Blend-Air!

Coleman—and only Coleman—offers the Comfort Bond to guarantee you complete heating comfort with each Blend-Air system installed in any new or old home

It's revolutionary comfort insurance with a revolutionary heating system. Now, for the first time, you can be *sure* of winter comfort with Blend-Air—Coleman's Comfort Bond guarantees you'll be healthfully warm.

What makes this valuable insurance service possible? It's Coleman's exclusive Magic Blenders that give a new, more efficient air blending and circulating process. (See below how the Blenders work.) They mean no stale hot air. No heat packed at the ceiling with floors freezing cold. Instead, you get continuous, gentle movement of fresh warm air; warm floors; uniform temperature from floor to ceiling. A completely automatic system with over-all temperature control and *independent* control in each room.

Before installing any system, have your Coleman dealer describe the many new health and comfort features now guaranteed with Blend-Air. Look him up in the Yellow Pages of your telephone book or write us for free literature. The Coleman Company, Inc., Wichita, Kansas.



THE MAGIC BLENDER DOES IT

In winter, it blends room air with freshly heated furnace air to maintain comfort. In summer, Coleman's new cooling unit blends room air with cool, dehumidified air for dry mountain-air coolness.

1 You're More Comfortable with freshly warmed air circulated by Blender action

2 You Save on Installation with 3½-in. air tubes that fit any construction

3 You Save Space Furnace takes as little as 6 sq. ft. in basement, closet, utility room, etc.

4 You're Cool in Summer When you're ready, add Coleman's cooling unit that uses same system

Comfort costs so little with

Coleman® Blend-Air®

CENTRAL HEATING AND AIR CONDITIONING SYSTEM

OIL GAS LP-GAS

"If it isn't Coleman—It isn't Blend-Air"

The Coleman Company, Inc.
Dept. 702-BHG, Wichita 1, Kansas
Please send me free literature on the revolutionary new Blend-Air Comfort Bond.

Name _____

Address _____

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EQUIPMENT AGA APPROVED OR LISTED WITH UNDERWRITERS' LABORATORIES **HEATERS · FLOOR FURNACES · WALL HEATERS · WATER HEATERS**

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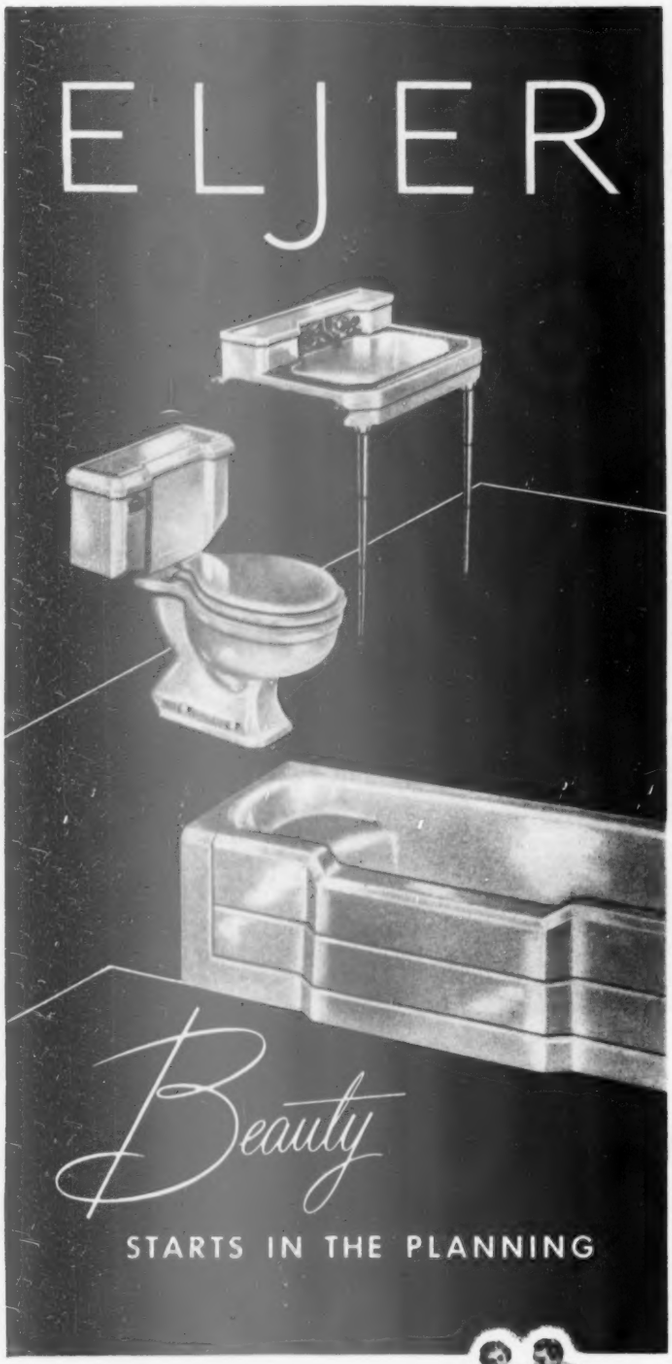


For a bathroom that excites admiration, architects and builders suggest style-matched plumbing fixtures. For extra beauty, we suggest Eljer, in lovely pastel colors, or immaculate white. You *will* get quality; the finish of Eljer Fixtures cannot fade, become dull or lifeless. Bathtubs have an extra-thick enamel coating, fused to a cast-iron base. Vitreous China Lavatories and Closet Combinations resist stains and are impervious to all ordinary acids, because they are *real* china. So, be *sure* . . . write Eljer Plumbing Fixtures into your plans.

Ask your plumbing contractor, builder or architect to help you select the exact combination of fixtures you want for bathroom, powder room, kitchen or laundry. For free booklet, write Eljer Co., Box 192, Ford City, Pennsylvania.

ELJER CO. FACTORIES AT FORD CITY, PA., SALEM AND MARYSVILLE, OHIO

FAMILY PROBLEM:

What's

1 **"Peter could work harder,** but I don't think you need to worry about him," Miss Monroe, Peter's teacher, tells his mother, Evelyn Sayler. "In an intelligence test he took recently we found that Peter is one of the brightest 13-year-olds we have in this school."

Photographs: Harriet Arnold

2 **"I hope you won't push Peter too fast** to earn those merit badges," Ralph Sayler, Peter's father, tells his scoutmaster. "Peter has one of the best brains in the school, and we want him to concentrate on his studies. Might be a Rhodes scholar, you know."

your solution?

Prepared in cooperation with the Family Service Association of America

3 **"I'm sorry if it spoils your game,** but your father wants you to study an extra hour a day so you can make the honor roll this semester," Mrs. Sayler says. Much to Peter's embarrassment, she has taken him out of a ball game, just when he was coming up to bat.

4 **"We don't understand.** Your grades have gone down instead of up." Peter's parents reprimand him for his report card. Peter says, "I don't care about being a brain." His father says, "When nature gives you superior mentality, you have a duty to use it."

More on page 211

Just pick up your phone and change your home!

Free consulting service helps you work miracles on a budget plan!

● How would you like to rearrange your home as you've never been able to do before? Discover new, *usable* space? Beautify each room? And all for very little money, actually only a few dollars a month!

These home decorating miracles will be explained to you by your Foldoor Consultant. He'll visit you, without cost or obligation, and give you hints and fresh ideas that bring an entirely new appearance—*a new atmosphere*—to your home.

The Foldoor Consultant's recommendations will involve no tearing up of your home, no mess, no remodeling—just practical use of your present space to your fullest advantage. He'll give you advice on color and decoration, too!

Foldoor, the improved fabric-covered folding door, has distributors in all principal cities. You'll find your distributor's name in the classified phone directory under "Doors." Phone him soon for the free services of his Foldoor Consultant.

HOLCOMB & HOKE MFG. CO., INC., Dept. B-9, 1545 Van Buren St., Indianapolis 7, Indiana

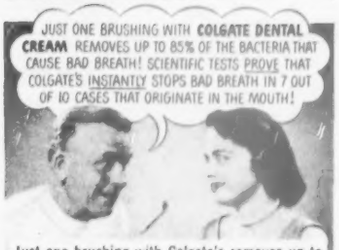
HOLCOMB & HOKE FOLDOOR THE SMARTEST THING IN DOORS

Please send me free copy of descriptive folder and name of my nearest FOLDOOR Consultant.

Name .....

Address .....

City ..... *Zone* ..... *State* .....



Just one brushing with Colgate's removes up to 85% of decay-causing bacteria! And if you really want to prevent decay, be sure to follow the best home method known—the Colgate way of brushing teeth right after eating!

LATER—Thanks to Colgate Dental Cream

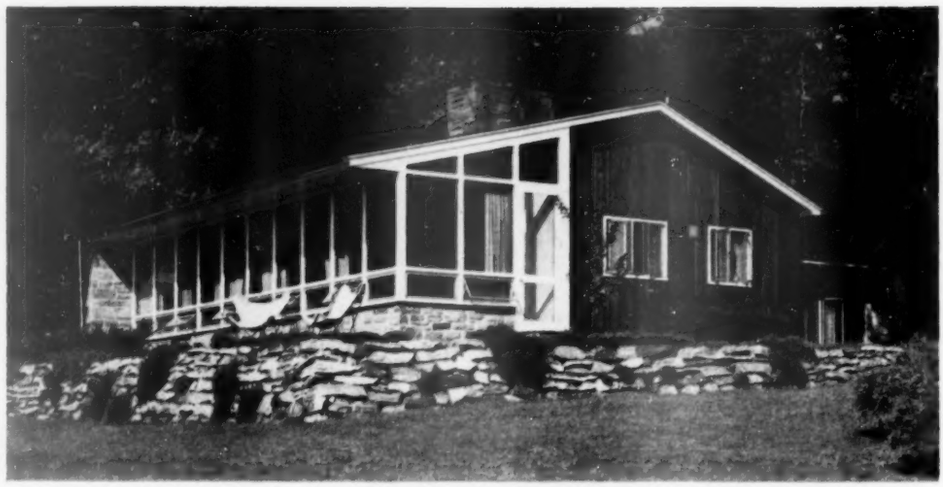
Now! ONE Brushing With

COLGATE DENTAL CREAM

Removes Up To 85% of Decay and Odor-Causing Bacteria!

Only The Colgate Way Does All Three!
CLEANS YOUR BREATH while it CLEANS YOUR TEETH and STOPS MOST TOOTH DECAY!

GIVES YOU A CLEANER, FRESHER MOUTH ALL DAY LONG!

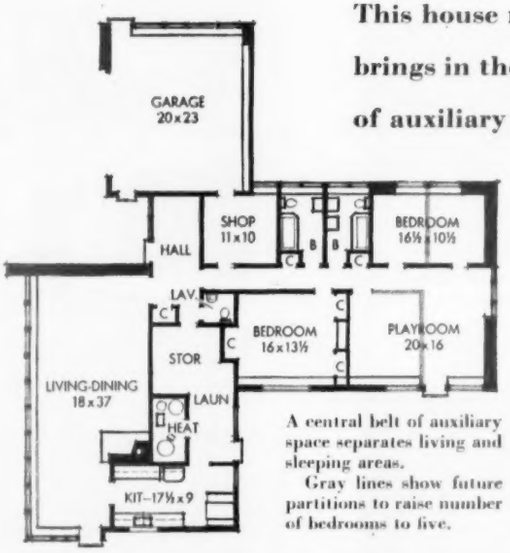


Home's native stone and vertical redwood siding are perfect partners with Pennsylvania woodland surroundings

Their space does the job

This house merges living and dining areas, brings in the outdoors, and makes the most of auxiliary space and bedroom wing

By Curtiss M. Anderson



A central belt of auxiliary space separates living and sleeping areas.

Gray lines show future partitions to raise number of bedrooms to five.

Photographs: Hubbard

Entrance design is outstanding—a result of careful study of scale and harmony in use of varied materials (wood, glass, masonry).

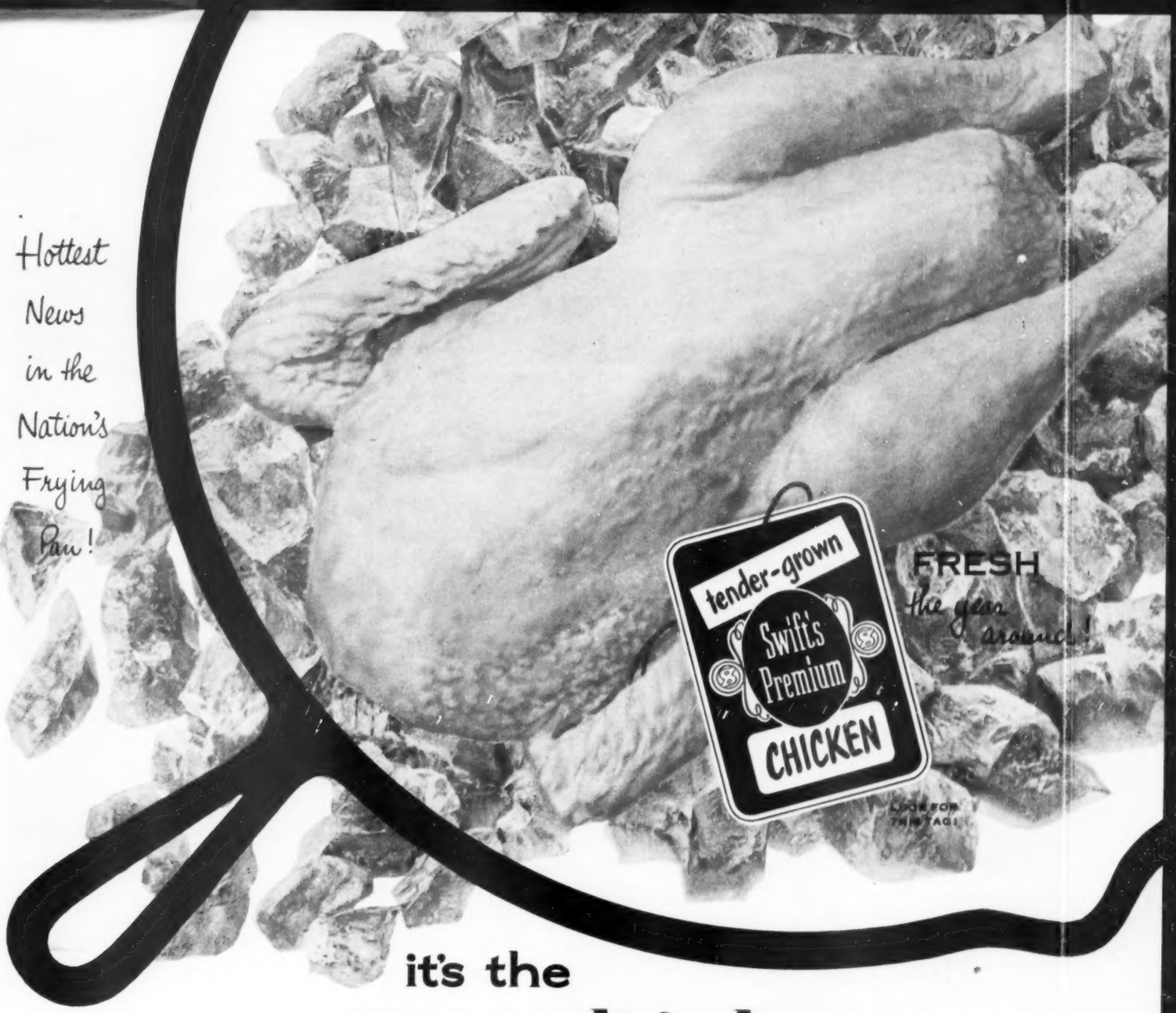
Note glass panels above and to side of door, obscure glass in roof of entry alcove, unadorned lines of framing, and break in height of wings.

Space—and how to use it effectively—is not a problem restricted to minimum homes.

The George Kolb house, pictured here, has a floor area of 2,400 square feet. But its size is more than matched by its practical assignment of living, sleeping, working, and auxiliary space.

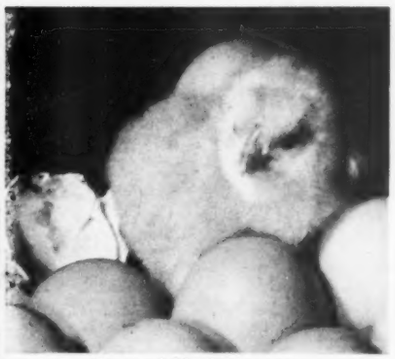
First, the living room. This area has a wall of glass running 38 feet on the south side of the house. The overhang of the roof and a stone wall projecting from the house provide sun control and shelter for the windows.

The dining area is at the other end of the room. No partition is thrown between; both areas freely exchange walking space, a good sense of size, a splendid outdoor view. [*Turn to page 21*



it's the super-chicken raised just for eating!

Hear the "Breakfast Club" Mon. thru Fri. mornings on the ABC network



How quickly they grow up . . . these *tender-grown* Swift's Premium Chickens! Reach frying size a month sooner than ordinary chicken, because of special breeding, scientific diet.

This is FRESH chicken kept FRESH in chipped ice. Perfectly cleaned . . . rushed to market in a blanket of snow . . . displayed fresh on ice or under refrigeration at your dealer's.

The flavor of springtime is in these young chickens, raised just for eating. If you prefer them cut up, ready to fry, try *tender-grown* Swift's Premium in the self-service Tray Pack.

Enjoy tender-grown Swift's Premium Chicken the year around. These young fryers are raised on nearby poultry farms to assure your dealer a constant supply.

SWIFT'S PREMIUM

(the dream chicken that came true!)

Chevrolet's striking Bel Air Sport Coupe. With 3 great new series, Chevrolet offers the widest choice of models in its field.

How Chevrolet's new high-compression horsepower takes you more places on less gas . . .

You see *two* pretty exciting kinds of horsepower in our picture up there.

One is the rarin', buckin', four-legged kind of horsepower that makes a rodeo a popular place to go.

The other kind is the smooth, quiet horsepower of that fine, spankin' new Chevrolet.

The beauty of Chevrolet's new power is this: It gives you faster acceleration from a standing start. Greater and safer passing ability in traffic and on the open road. More "steam" for steep hills. And all on less gasoline—a *lot* less gasoline!

How can you get more power on less gas? Well, Chevrolet engineers will tell you that high compression is the answer. In simple terms, the fuel mixture is squeezed much tighter so that the engine wrings much more power out of it. Chevrolet brings you the benefits of high-compression power whether you choose the mighty 115-h.p. "Blue-Flame" engine teamed with Powerglide* automatic transmission or the advanced 108-h.p. "Thrift-King" engine with standard transmission.

Both of these great valve-in-head engines deliver finer performance and far more miles per gallon on *regular* gasoline.

And greater gas mileage is only one of the ways you save. You'll find that a new Chevrolet costs less for over-all maintenance and upkeep, too!

There's a lot more you'll like about the new Chevrolet—features like beautiful Body by Fisher; the smoother, softer ride; the easier action of the largest brakes in the low-price field. And there's Power Steering,* if you wish, to do eighty per cent of the work of turning the wheel!

Behind all of these fine features are the research, engineering and manufacturing facilities of the world's largest car producer. Isn't it logical that because Chevrolet builds *more* cars than anyone else, Chevrolet can build them better—and sell them for less?

That's the reason Chevrolet can offer more things you like in *the lowest-priced line in the low-price field.* Your Chevrolet dealer will gladly demonstrate whenever you drop in. Chevrolet Division of General Motors, Detroit 2, Michigan.

**Optional at extra cost. Combination of Powerglide automatic transmission and 115-h.p. "Blue-Flame" engine available on "Two-Ten" and Bel Air models only. Power Steering available on all models.*

MORE PEOPLE BUY CHEVROLETS THAN ANY OTHER CAR! CHEVROLET

Their space does the job

Begins on page 18

Spaciousness is boosted here by the open ceiling; your mind and eye are carried clear to the highest point of the sloped roof. Relationship with the outdoors is furthered by the use of "outside" materials indoors—like the stone below the bank of windows that matches that of the fireplace.

The bedroom wing is even more versatile. It now is divided into two sleeping areas and a large playroom-study. But Architects George Lavino and William Amenta of Philadelphia kept future needs in mind.

You'll see by the floor plan that this wing will have no less than five bedrooms after the simple partitioning indicated—and full-size bedrooms, too. The transformation will require only minimum structural changes.

Between sleeping and living areas is a belt of auxiliary space—including a large workshop, an entrance hall with a closet for coats and an inside lavatory with clerestory lighting, a generous storage-laundry area, and a room for the heating plant.

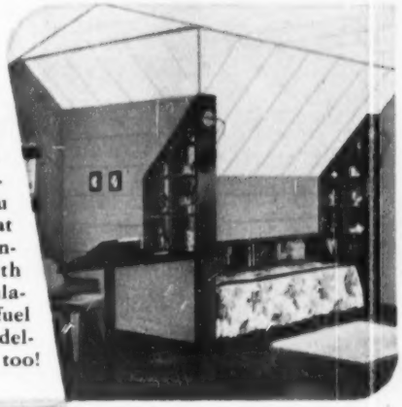
These functions fall into direct line through the center of the plan—from kitchen to garage. You can enter this area from two sides.

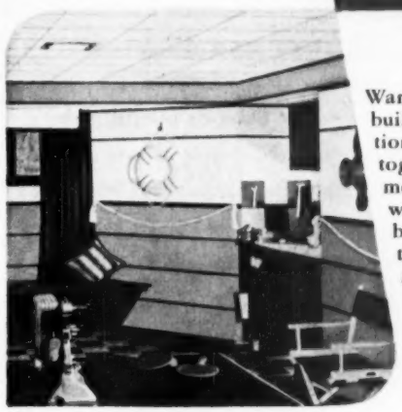
The home is located in Huntingdon Valley, Pennsylvania.

Traffic to bedrooms or kitchen completely bypasses this living room through central hall. Stone fireplace marks division between living and dining areas. Door leads to kitchen. Flooring is concrete poured over crushed stone; radiant-heating coils were set in slab by owner

Living-dining area is enclosed on two sides by spectacular wall of windows facing view. Small awning-type windows below big areas of fixed glass allow ventilation. Note how glass follows slope of roof

Want *real* help in building a beautiful attic room—quickly? Use Nu-Wood Interior Finish! Big pre-decorated Nu-Wood panels—plank—tile—help you create new living space at low cost. Economy hint: insulate the attic first with Balsam-Wool sealed insulation and save enough in fuel bills to pay for the remodeling *and* the insulation, too!





Want "how-to-do-it" ideas on building a basement recreation room? Actual color photographs of Nu-Wood basements will start you on your way! Other pages of the booklet show smart practical ways to remodel bedrooms—dining rooms—living rooms.

Here's the remodeling help you need in this Big Colorful booklet

Mail the Coupon for It Now . . . Then Get Free Plans from Your Lumber Dealer

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Please send me the Nu-Wood Portfolio of Interiors. I enclose 10 cents.

Name.....

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Balsam-Wool* Guaranteed Insulation

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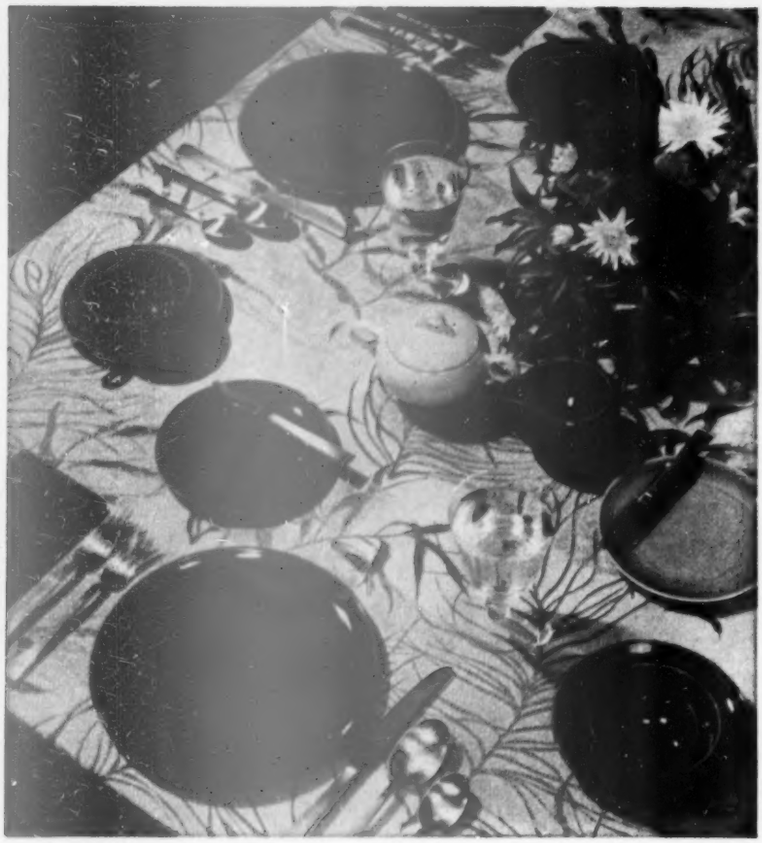

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SAVE $6.55 on 45-pc. BALLERINA dinnerware set

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Medium chop plate
Sugar, covered
Creamer

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Found—a new curb on tooth decay!

By Herb Bailey

New, long-lasting, anti-acid substances added to tooth paste or mouthwash are being used in a mammoth experiment to determine their power to deliver a long-awaited K.O. to tooth decay. The substances are newly found enzyme inhibitors and, used only twice a day, promise to give a "round-the-clock" protection against the decay which causes so much loss in money and time in almost every family—not to mention the discomfort of the drill.

Dr. Leonard S. Fosdick, veteran fighter in the battle against tooth decay, head of the Chemistry Department at Northwestern University's Dental School, is leading the research with the new enzyme inhibitors. Doctor Fosdick is famed for his discovery about three years ago that brushing the teeth immediately after meals would reduce decay about 60 percent.

The experiment is believed to be the most extensive of its kind in dental history. In addition to the first experimental group at Northwestern, where preliminary results proved tremendously encouraging, three other universities are enrolled in the project: Drake (Des Moines, Iowa), under the supervision of Dr. Frank Jefferies; Miami (Florida), under Dr. Olin McKenzie; and the University of Florida, under Dr. Donald Morrison, Jr. Beside these college dental schools, employees of several large commercial concerns in Iowa and Illinois are taking part. Doctor Jefferies supervises the experiment at the Iowa concern; Dr. Glenn F. Sulser supervises the experiment at the Illinois concern. All these men are associates of Doctor Fosdick.

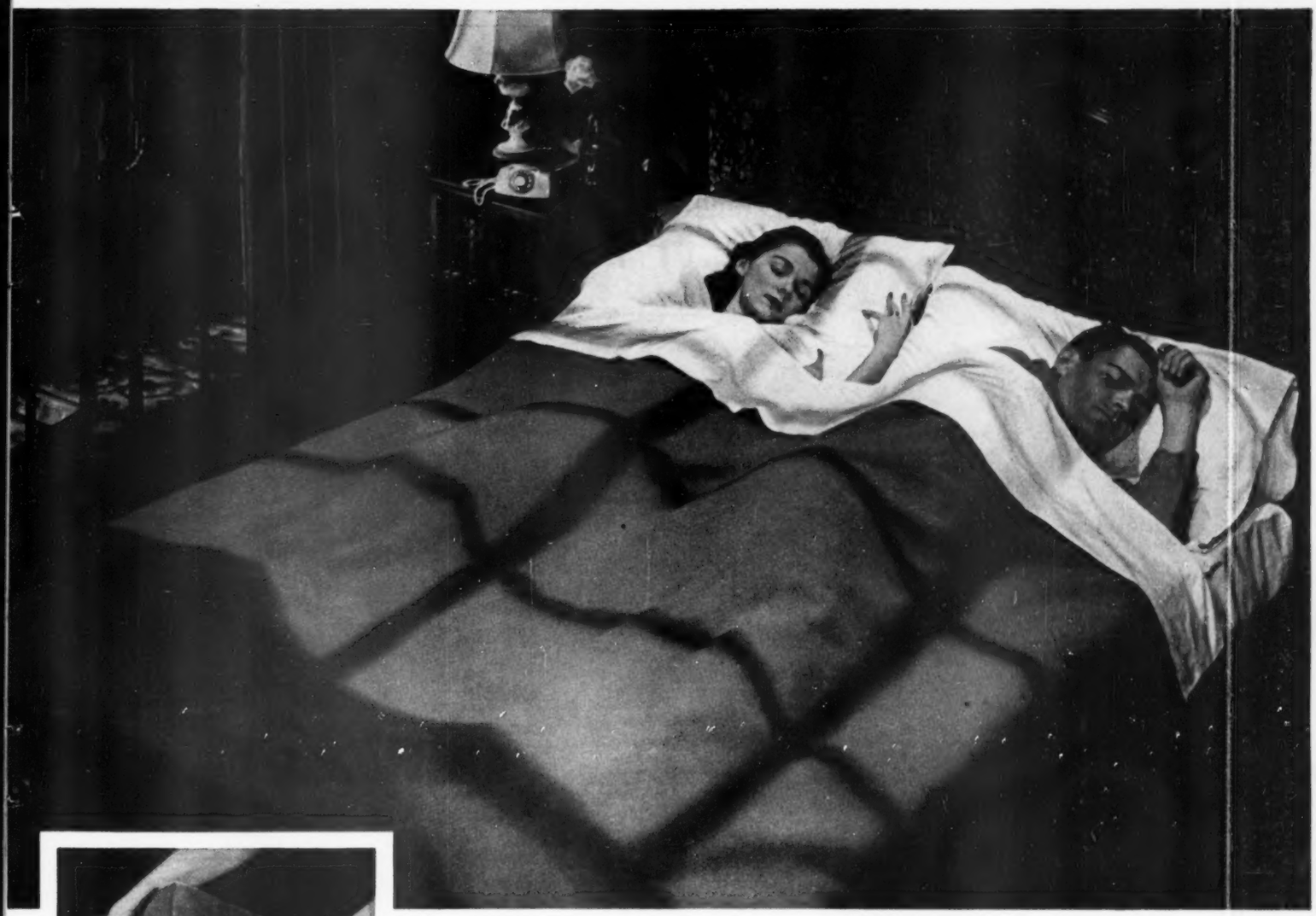
The experiment has been going on about a year, and will continue for another year. It is being financed by leading dentifrice manufacturers. Altogether, there are more than 6,000 people acting as willing guinea pigs in this vast experiment which has as its avowed aim a practical answer to the question, "Is tooth decay *really* necessary?"

It's a good $164 question, which may be close to the amount you're paying for family dental bills every year, depending on the family's size and susceptibility to caries, the dentist's word for cavities. Or, you may be paying much more if the caries are really hitting on all 32—or even a fifth of the total number of teeth in your or your children's mouths.

Dental scientists, including Doctor Fosdick, have proved more or less conclusively that cavities *aren't* really necessary—in fact, rarely exist among primitive races who don't have access to a superabundance of sugar. Also, victims of Japanese and Nazi concentration camps were found remarkably free of caries in spite of a horribly deficient diet, thus proving it is something the average man eats, not something he *doesn't* eat, that causes tooth decay. That something turned out to be excess sugar. Dr. Hermann Becks of the University of California went even further in identifying the culprit. He fed more than 1,500 persons a high-protein, low-sugar diet for a year, and achieved an 80-percent reduction in dental caries.

Acted on by enzymes (an enzyme is an organic substance that accelerates chemical changes), the sugar you eat is changed to acid in a matter of minutes. The enzymes work in direct association with ever-present bacteria, including the notorious *Lactobacillus acidophilus*, to create an acid end product.

It is this acid that burrows into tooth enamel, causing cavities. Most dental authorities agree that [*Turn to page 25*



PROVIDES PLENTY OF FOOT ROOM!

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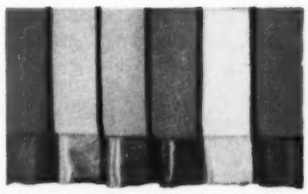
But of course, Custom-Contoured fit is only *one* of the special comforts a G-E Blanket brings you!

Its greatest blessing is—soothing, sunshiny warmth without weight! Complete comfort in any sort of weather!

One G-E Blanket takes the place of 3 ordinary blankets. Whatever degree of warmth you choose on the Bedside Control dial will be maintained *automatically*.

This winter, spend your nights in automatic comfort! See the beautiful new G-E Blankets today. General Electric Co., Small Appliance Division, Bridgeport 2, Conn.



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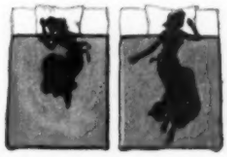
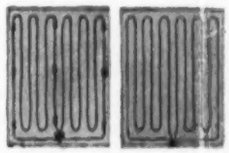
Exquisite colors harmonize with smart color schemes; bindings of Skinner Satin. Single, double-bed sizes. Easily washed. Manufacturer's recommended retail or Fair Trade prices, $47.95, $49.95, $59.95.

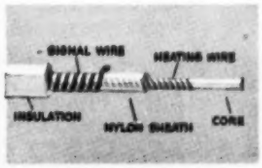
Why G-E *Sleep-Guard* Blankets are worth more!



(*Left*) Ordinary blanket. Small area of warmth, created by your body heat. You huddle in cramped position. (*Right*) G-E Blanket. All-over warmth, maintained for you automatically. You stretch out, relaxed.



(*Left*) Ordinary electric blanket. Lumpy, wide-spaced thermostats; uneven, spotty protection. (*Right*) G-E Blanket. Uniformly controlled warmth; no lumpy thermostats, no unprotected areas.



(*Left*) X-ray of G.E.'s *Sleep-Guard*, automatic safety device designed to give complete protection: if temperature of heating wire exceeds a certain limit, nylon sheath permits message to be flashed by signal wire to Bedside Control, automatically cutting off current. Thus *entire wired area* is sensitive to excessive warmth. Only G-E Blankets have *Sleep-Guard*.

Winner of the 1952 National Home Safety Award Grand Prize as the product which contributed most to safety in the home.

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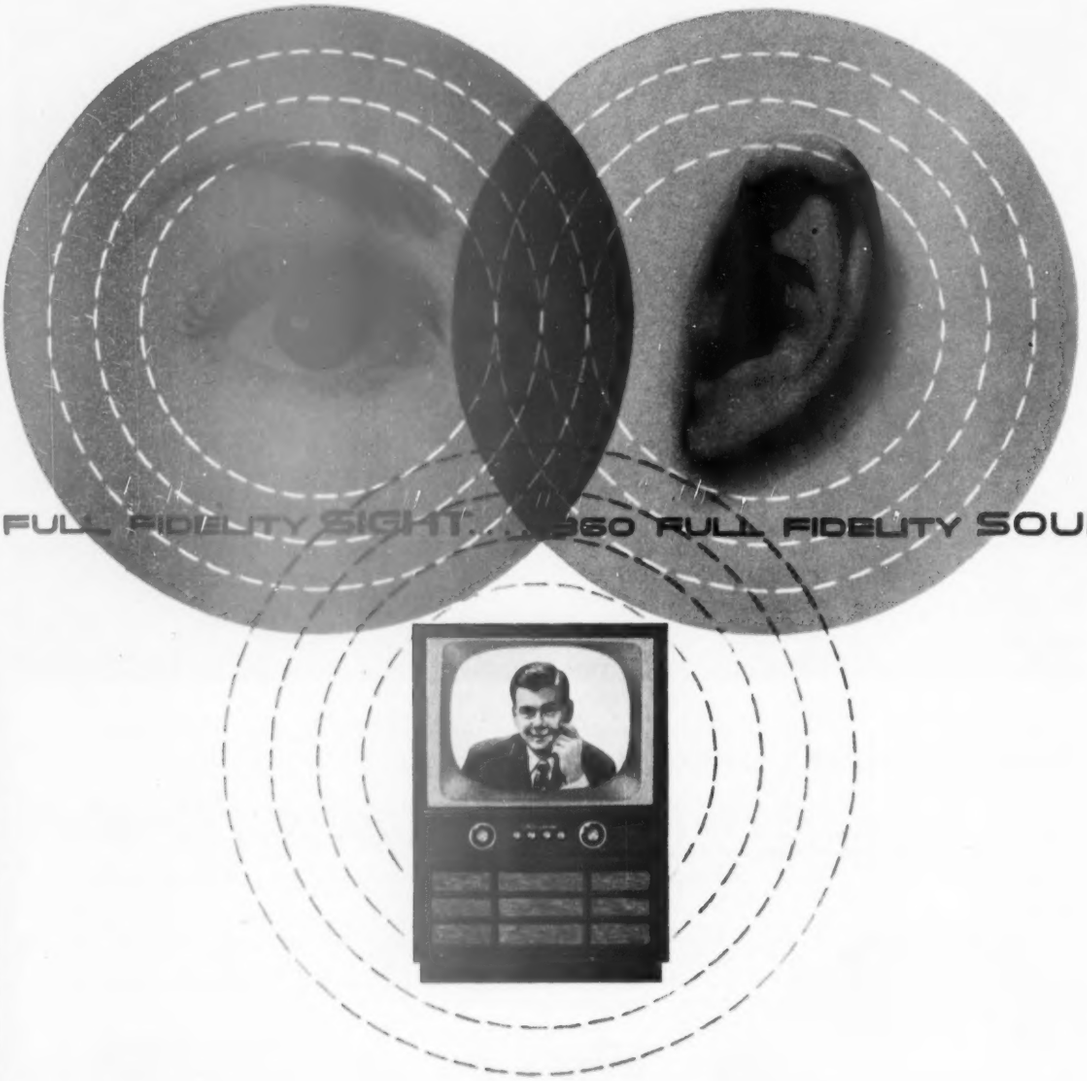

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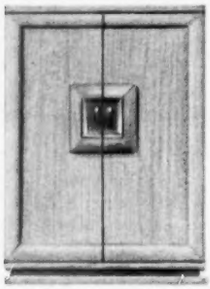

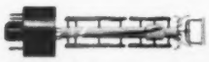

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Found—a new curb on tooth decay!

Begins on page 22

any harmless substance which can *stay on* teeth and keep the enzymes and bacteria from forming the dangerous acids should prevent decay.

This the experimental compounds can do. They have been extremely successful in reducing the acids on tooth surfaces to a "safe" level where cavities cannot, or do not, ordinarily form. Even after many hours, the acid level was significantly lowered in up to 95 percent of the cases. Being colorless and tasteless, they are not detectible in any way except by their chemical actions.

Is this the real thing at last? Well, while clinical results on the actual cavity reductions aren't being released yet, the researchers are guardedly optimistic.

Although superabundant sugar is the villain in tooth decay, paradoxically, that teaspoonful in your coffee or tea probably won't initiate the decay, according to Doctor Fosdick. In an interview for *Better Homes & Gardens* Doctor Fosdick stated that it is a *heavy* concentration of sugar such as is eaten at the average meal, or in-between-meal sipping of *heavily* sweetened drinks, that sets up the right conditions for the little "sugar-acid" enzymes to call for battle stations and launch their microscopic, yet devastating, attack on your tooth enamel.

However, once the cavity is established, even small amounts of sugar or acid tend to increase the damage.

Doctor Fosdick says that the main problem in attacking tooth decay lies in finding an enzyme inhibitor which would stubbornly cling to the plaque or "film" of the teeth for many hours. This tooth protector should be able to resist action of all kinds of foods—even large amounts of sugars and acids.

What enzyme inhibitor could do the job, even resisting brushings, eating, and so on? This was the question confronting Doctor Fosdick and his enzyme-fighting crew. They polled the leading pharmaceutical houses, asked for every substance which could possibly be of any use. They tested every compound sent in. Out of hundreds, they came up with 10 which would both cling and prevent acid formation. Out of the 10, they tested 2 which were nontoxic to human and animal tissue. Others may later be found to be nontoxic.

Now, these two substances have long names, but since you'll no doubt be hearing about them shortly, it might be wise to know their names: Sodium n. lauroyl Sarcosinate and Sodium Dehydroacetate. They interrupt the complicated process of acid formation on the teeth.

While Doctor Fosdick and his associated researchers are very careful, and claim *nothing* as to the actual reduction of tooth decay (because they haven't compiled their clinical data and insist the experiment must go on for another year before it is released), all logical arguments *point* to the fact that here at last may be the best practical answer to tooth decay.

Doctor Fosdick pointed out that theoretically there are two fundamental approaches of preventing cavities known at the present time:

The *first* is making the teeth *themselves* more resistant to acid infiltration. This method is best exemplified by the adding of fluorides to the drinking water, or by painting them on the surface of the teeth.

The *second* method consists of keeping the destructive acids from ever getting at the surface of the teeth. The newest way of keeping the acid from the teeth is, of course, by placing the long-lasting acid inhibitors directly on the teeth. Used when you get up in the morning and just before going to bed, either in a tooth paste or in a mouthwash, these enzyme inhibitors will form an invisible, unfelt coating on your teeth and keep the acids away indefinitely.

Will the new inhibitors be available generally? You can expect they will be soon, and you'll want to give them a try.

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. . . and the whole job cost only $4.95 !

Friends are amazed at the beauty of our rooms after just one coat of Dramex. It fills cracks while it builds a colorful new surface, makes walls and ceilings like new again! Dramex is specially made so "do-it-yourselfers" can do an expert job. Best of all, you can Dramex the walls of an average 10x10x8 foot room for about $4.95! Dramex in the morning...have company that same night!

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ALSO MAKES WALLBOARD LOOK LIKE REAL PAINTED PLASTER

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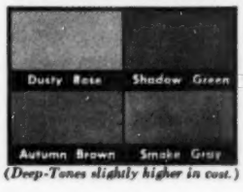
Choose from a wide range of colors including these new dramatic DEEP-TONES



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with all these features:

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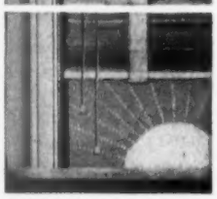
Flexalum aluminum slats are spring-tempered to snap back ruler-straight! The rich mar-proof finish won't rust, chip, crack or peel.



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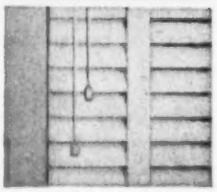

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Have you heard the

Latest Garden News?

By Dr. R. Milton Carleton

Sow Merion bluegrass early

Recent tests show that Merion bluegrass germinates most rapidly when the temperatures are in the 80s. Seed germinated in 6 days when the temperature was at 82 to 85, but took 20 days at 62 degrees.

Both root and top growth were stronger at lower temperatures, however.

Over most of the bluegrass area, this would mean that late August sowings would just about hit it right.

Compost has sweet tooth

Sugar in your compost heap will speed up its decomposition, so you can use it more quickly. Surprisingly few people understand this, and many ask me if jelly, spoiled syrup, and other sugar products can be dumped on the compost pile.

Actually, the compost heap is an ideal place for you to dispose of such sugary wastes. Quickly available carbohydrates from sugar will speed up the bacterial growth, resulting in usable compost sooner than without sugar.

Camera speeds weed research

Latest tool for weed-control research is the camera. Scientists at the American Cyanamid Company report that dead chlorophyll photographs black when photographed with infrared film. But living chlorophyll photographs white.

Now, instead of waiting for weeks to see if new weed-control chemicals are effective, research workers can get a reading in a day or two by photographing the test plot with infrared film.

Sprinkling can cut your water bill

Water your vegetable garden with sprinklers, and the water will go twice as far, according to reports from Ohio State University.

To prevent loss from evaporation, authorities have previously recommended that water be applied to the soil. Ohio scientists now say that increased absorption through the leaves more than makes up for losses from evaporation during sprinkling.

Plastics extend garden season

Plastics promise to extend the garden season at both ends.

In recent tests, strawberries gave earlier fruit when they were covered with a polyvinyl sheeting. The plastic protected the plants from late frosts and retained heat to speed up blossoming.

More on page 29

Photographed in Rike's Centennial House — Dayton, Ohio. The cabinet grouping, table and chairs . . . $812.00*.

Modern desk . . . $121.50*.

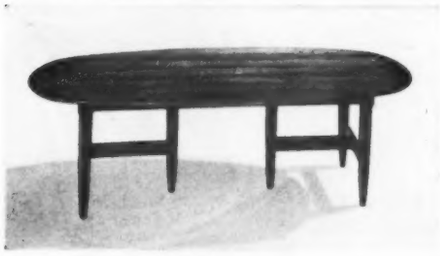
Announcing...a new kind of modern furniture in lovely solid cherry...by Willett

Here is the kind of modern you've been waiting for, Transitional by Willett . . . design that speaks at a glance of casual comfort and timeless good taste. Transitional, with its multi-use pieces, allows you to create new arrangements that make better use of your space—really like having interesting new rooms.

Some of the major pieces lend new beauty to either bedroom, dining room or your living room. The quiet good taste of Transitional will go perfectly with your present furniture, so that you can add it piece by piece until your home is gloriously made over! Transitional is at your dealer's in open stock—see it now!

The chest grouping with mirror, cushioned bench, and twin beds (less mattresses and springs) . . . $632.50*.

Circular coffee table . . . $56.00*.



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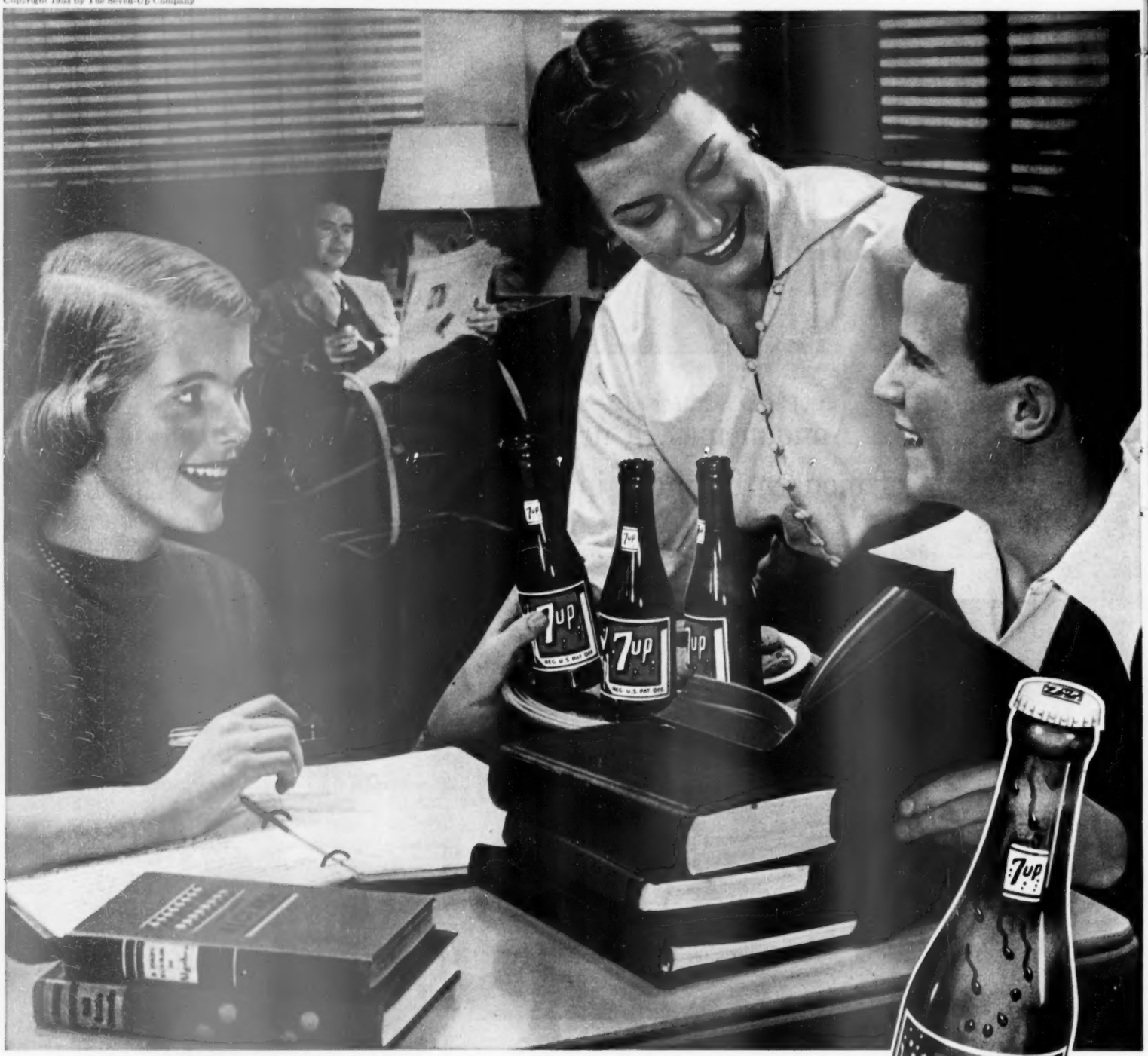

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The All-Family Drink!

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With the pyramids built and Gaul divided into three parts, nothing is so pleasant a reminder of the present, no *reward* for good work so *good* . . . as sparkling, crystal-clear 7-Up! What's more, 7-Up is so pure, so wholesome that teens deep in "trig" *and* tots with their crayons can "fresh up" as often as they like!

Buy 7-Up wherever you see those bright 7-Up signs.

Begins on page 26

The sheeting is laid over the row and held down with sand or stones on the edge. Because it holds back moisture, but allows free movement of air, it does not smother the plants.

The same type of plastic sheeting, supported on stakes above tomato plants, protected them from late frosts in the fall. It also trapped heat from the feeble fall sun, speeding the ripening of late fruits.

Tests promise narcissus-rot control

The Bureau of Plant Industry reports that Mersolite 8 (phenyl mercuric acetate) is the most satisfactory control to date for basal rot of narcissus. A five-minute dip (1 ounce to 50 gallons of water) gave practical control.

The treatment did not injure the bulbs, flowers, or leaves. Previous controls caused severe injury to all parts of the plant.

Fertilizer new methane by-product

Garbage to compost is an old story. Organic fertilizer as a by-product of methane gas production, however, is new.

In Brazil, vegetable residues and garbage are being fermented to produce methane gas. (A similar process occurs naturally in marshes and bogs.) The residue is a clean, dry organic fertilizer.

At one time, experimenters in the United States tested the idea of producing methane on the farm from vegetable wastes. The prospect of getting a fertilizer by-product might make this idea worth reviving.

Weigh this carefully

Recently, I saw an order that was placed for one *ton* of petunia seeds.

Since an ounce of petunia seed contains more than 250,000 seeds, a ton would contain over 8 billion—enough to supply every man, woman, and child in the United States with 50 plants each if they all grew!

Cold damages vegetables

Cold temperatures in storage can damage vegetables, even though they are considerably above freezing. The U.S.D.A. finds that eggplant, tomatoes, and snap beans will last longer if kept at 50 degrees than if stored between 32 and 40 degrees.

However, other experiments show that green vegetables kept at 31 degrees lost much less vitamin C than those stored at higher readings.

This suggests that vegetables for use within a week after picking should be kept under refrigeration at as close to 32 degrees as possible. Tomatoes and eggplant for later use should be held at about 50 degrees.

Bacteria show resistance to 2,4-D

Do 2,4-D sprays hurt soil bacteria? Tests at Penn State show they do not.

Applications of 2,4-D 100 times greater than normal only slightly decreased the ability of bacteria to decompose plant wastes. Normal applications had no effect whatever on the bacteria.

Also significant: Once soils had been sprayed with 2,4-D, bacteria seemed to increase their ability to destroy it. Second and third applications of 2,4-D disappeared within a few days.

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of our home is
COMFORTABLE
because we chose

B&G *Hydro-Flo* Heating

Before you select the heating system for your new home, remember this . . . *if the floors, walls and spaces around the windows are not warm, you'll never be really comfortable!*

That's why you should have B & G *Hydro-Flo* Heating . . . with modern baseboard panels or radiant pipe coils completely concealed in the floor or ceiling. This *forced hot water system* will blanket *all* of your home in cheerful sun-like warmth – block out icy downdrafts from the windows – keep floors warm.

B & G *Hydro-Flo* Heating adjusts itself automatically to every change in the weather . . . modulates the heat supply so that indoor temperature is always uniform . . . always at the comfort level. It is exceptionally economical in operation – no wasteful overheating.

Simple, dependable *Hydro-Flo* equipment can be installed on any hot water heating boiler

The basic units of B & G *Hydro-Flo* Heating are (**1**) the Booster Pump to circulate hot water through the system, (**2**) the Flo-Control Valve to prevent an over-ride in temperature and (**3**) the domestic Water Heater which supplies abundant hot water for every household use—summer and winter.

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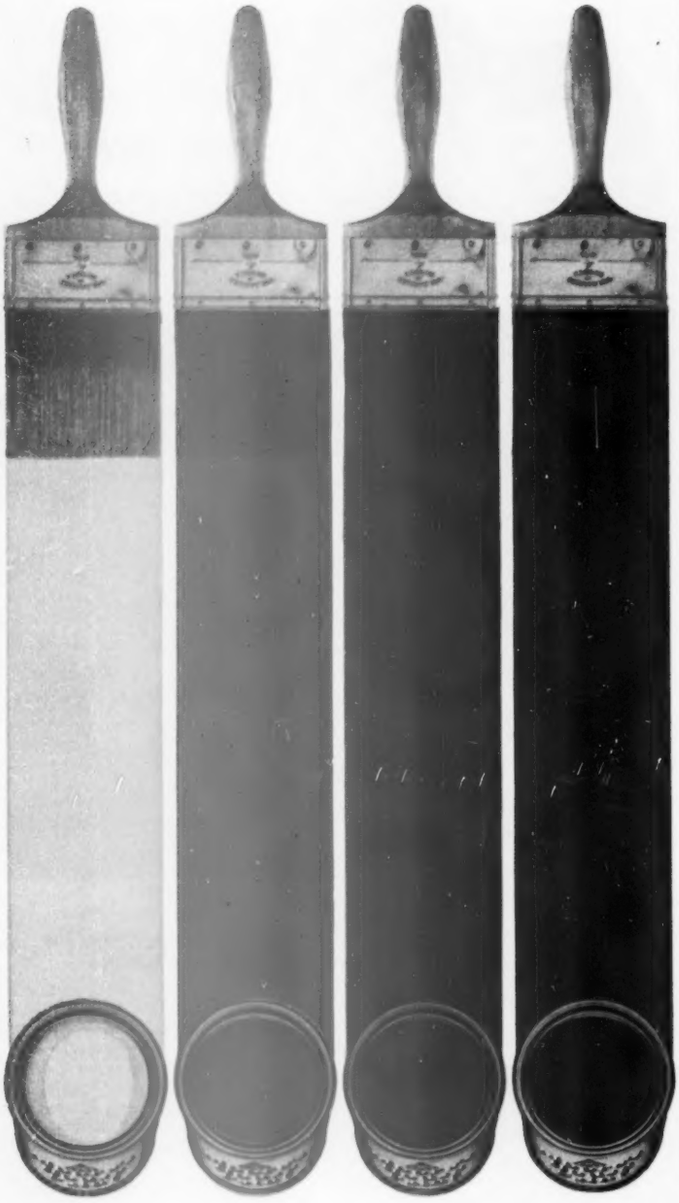

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"Write to me for free home decorating booklet, Color For Living."

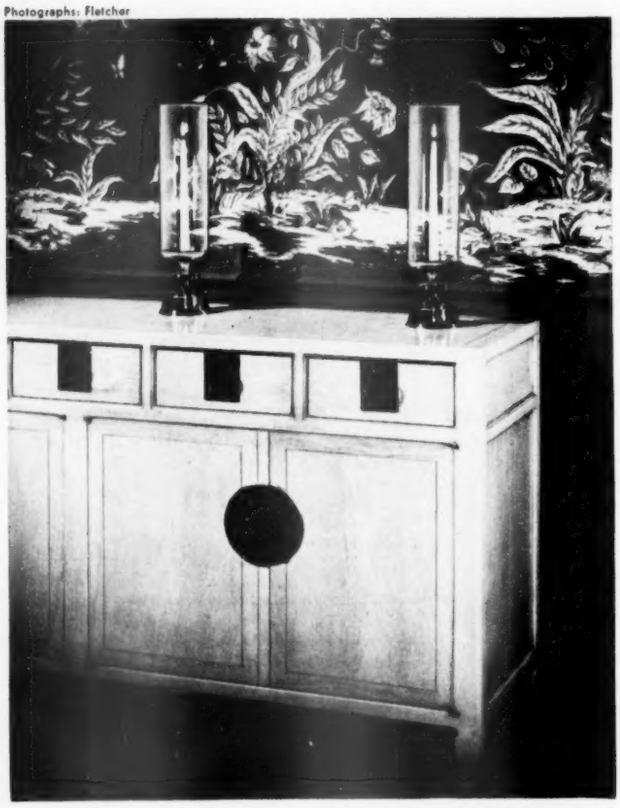
Benjamin Moore paints

It's big news in

Peel cane is not new in decorating. Now, however, you'll find furnishings in this material that are just as much at home inside your home as on the porch.

Their new sturdy construction makes them practical as well as handsome additions to any room.

Photographs: Fletcher



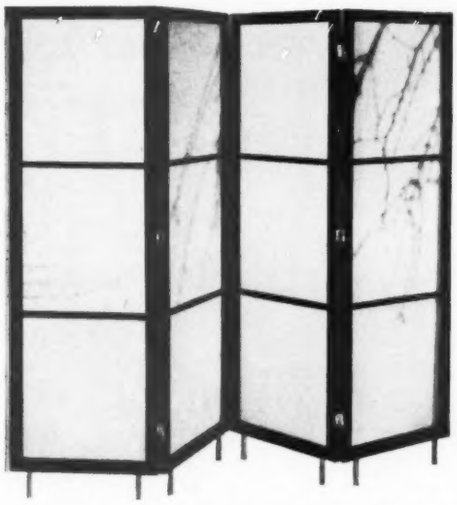
Chinese mural paper adds a luxury touch to any room. Here it is used properly, with the background color of the paper used as the color of the dado in this dining room. Note the decorative effect of the Oriental hardware on the large buffet. The hardware becomes an extremely important part of design of this piece, softening the clean-cut lines

home furnishings

The Oriental influence comes of age

As with all things new, there was a period of experimentation in America with new furniture designs. Some of it was too stark, too cold, for our idea of a warm, comfortable home. This led to a demand for "warm simplicity." This is where the growing Oriental influence comes in the home-decorating picture.

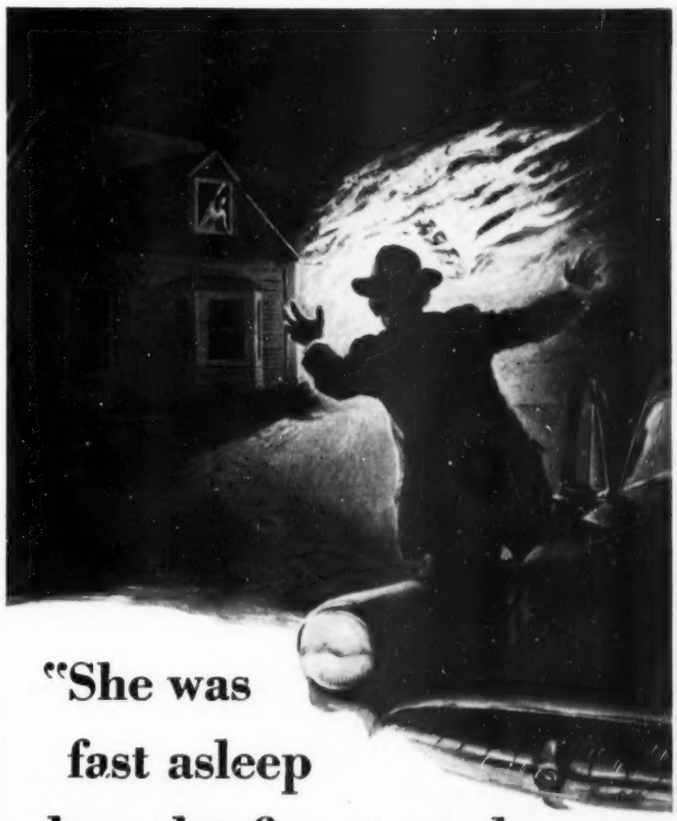
These American adaptations of Oriental designs blend in beautifully with any period of furnishings. The good Oriental designs are ageless. They have "withstood the test of time." Nor is the Oriental influence limited to furniture pieces. You'll find it in accessories, hardware, wall coverings, lamps, and floor coverings.



Texture is an important element of any decorating scheme — especially so in a home that has functional Contemporary furnishings. A folding screen is a practical way to create a wall, divide a room, or serve as a background for one of your furniture groupings

This lovely table is at home with furnishings of any period. The table's simple lines are a wonderful background for prized accessories.

Another decorative feature of the Oriental design is the interesting shadows and silhouettes they add to a room.



"She was fast asleep when the fire started

and discovered later that she hadn't been wide awake for years"

(A true story based on Company File #H-52-23925)

It was late one windy night and old Mrs. Bartlett was lucky in two ways. Lucky that the wind was blowing the flames away from where she was sleeping and lucky that I came along while she could still get out.

But in a third way, luck was *against* her. For years she had been asleep to the increase in property values, had never increased her insurance to keep pace. She told me afterward that it fell short of covering her loss by almost $4,500.

Don't push *your* luck too far. How long since you checked up on the value of your house? And your household belongings?

Even if that was only two or three years ago, you're running the risk of tragic loss, for values have gone up since. Like 7 out of 10 property-owners, you are probably *under-insured!*

Find out where you stand. Send for a free copy of a chart that compares average building costs, year by year.

Or, better still, phone your Hartford Fire Insurance Company Agent or your insurance broker. He'll tell you how much any additional coverage would cost. So, act now! Have him bring your insurance into line with today's increased values.

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COMFORT CLINIC

Now you can live and relax in

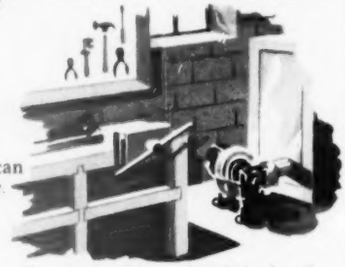
Luxurious Winter Comfort

THANKS TO MOVING AIR!

By Professor Walter Lyman Upson, *Consultant, Customer Service Bureau, Torrington Research Laboratory*

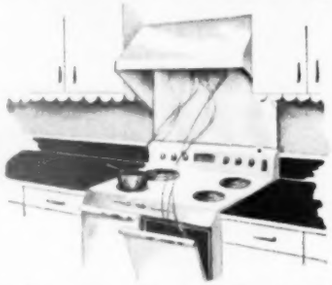
Climate control specialists know year 'round comfort depends largely upon proper control and circulation of the air you live in. When moving air's at work in your home, you breeze through Winter's cold and Summer's heat in solid comfort. The cost of these units is small compared to the years of service and satisfaction they bring.

Forced Warm-air Furnaces do *double* duty: besides providing quick, even heat in Winter, they deliver clean, humidified, dust-free *forced* air circulation all year 'round. They install easily in attic, basement, closet, floor or wall to save space.



Your *Oil Burner* needs a steady flow of air at correct velocity to support combustion at peak efficiency. Too much air wastes heat; too little air wastes fuel. For greatest convenience and economy, choose the burner that can handle your home's heat load properly.

Install a master *Home Conditioning Fan* in the attic. It can change the air in the whole house from 20-60 times per hour, reduce inside temperatures as much as 15° on hot Summer days and nights, chase out stuffy, humid air at a moment's notice all year 'long.



A *Kitchen Ventilator*, installed near the range, expels odors and greasy grime right at the source. Your home stays cleaner—you save hours of toil and spruce-up drudgery. You'll save its cost quickly on lessened expense for cleaning, decorating, re-painting.

Though Torrington makes no air-moving units, we're specialists in the manufacture of fan blades and blower wheels. Used in America's finest units, they're identified by this *Vairified* Tag. . .

Your most helpful guide to air-moving units is this big 200-page book "How to have Comfort from Moving Air"—published by Torrington in cooperation with over 100 manufacturers. Send in the coupon for your copy today!

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Please send my copy of "How to have Comfort from Moving Air". I enclose 10¢ for mailing.

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Let room dividers do double duty

Room dividers don't have to *take* space. They can *make* it. You can see very good proof of this in the J. B. Llewellyn home. Standing between their living and dining rooms is a shelf unit that does an important storage job while affording just the right amount of visual "break" between these two [*Turn to page 281*

This triple-use divider unit juts off fireplace. Its total depth is 22 inches—9 of which are employed on the living side for books, magazines, and accessories.

Plant box that is recessed in the top adds a decorative touch, also serves as subtle visual block between rooms.

Photographs: Gaynor

On side facing dining area, divider has concealed space for glassware and china.

The sliding doors can be closed completely, but in no position do they obstruct the traffic. Depth of shelves on this side is 11 inches.

It's always "open house" with GLASS!

WINDOWS OF PITTSBURGH PLATE GLASS open your home to the greater enjoyment of the outdoors from indoors, the year round. That's because Plate Glass has a flawless, polished surface . . . permits clear, undistorted vision. This makes it ideal for framing a lovely vista like the one shown here . . . or any favorite view. And when you select Twindow, "the window with built-in insulation," or Solex heat-absorbing, glare-reducing glass for such openings, your pleasure and comfort are increased many fold.

FURNITURE TOPS of Pittsburgh Plate Glass help you relax and really enjoy entertaining your friends. For glass tops are the best protection you can have for your fine pieces against tumbler rings, scratches, cigarette burns. What's more, they add sparkle and charm to your furniture . . . give the whole room a lift. And they reduce cleaning time. You'll be amazed, too, at how you can improve the appearance of a badly marred piece of furniture by covering it with a Pittsburgh *mirror* top. Why not give *your* furniture the lifetime protection and smart beauty offered by glass tops? The cost is exceptionally low.

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THIS LABEL identifies products made of genuine Pittsburgh Plate Glass.

WHERE TO BUY Your department or furniture store . . . your local building supply dealer or glass distributor . . . has these and other glass items. You'll find the names of dealers carrying Pittsburgh Glass in the Yellow Pages of your phone directory under "Pittsburgh Plate Glass Products" in the "Glass" section.

FREE BOOKLET! 24 pages of ideas on the use of glass in your home. Illustrated in color. Send the coupon for your copy.

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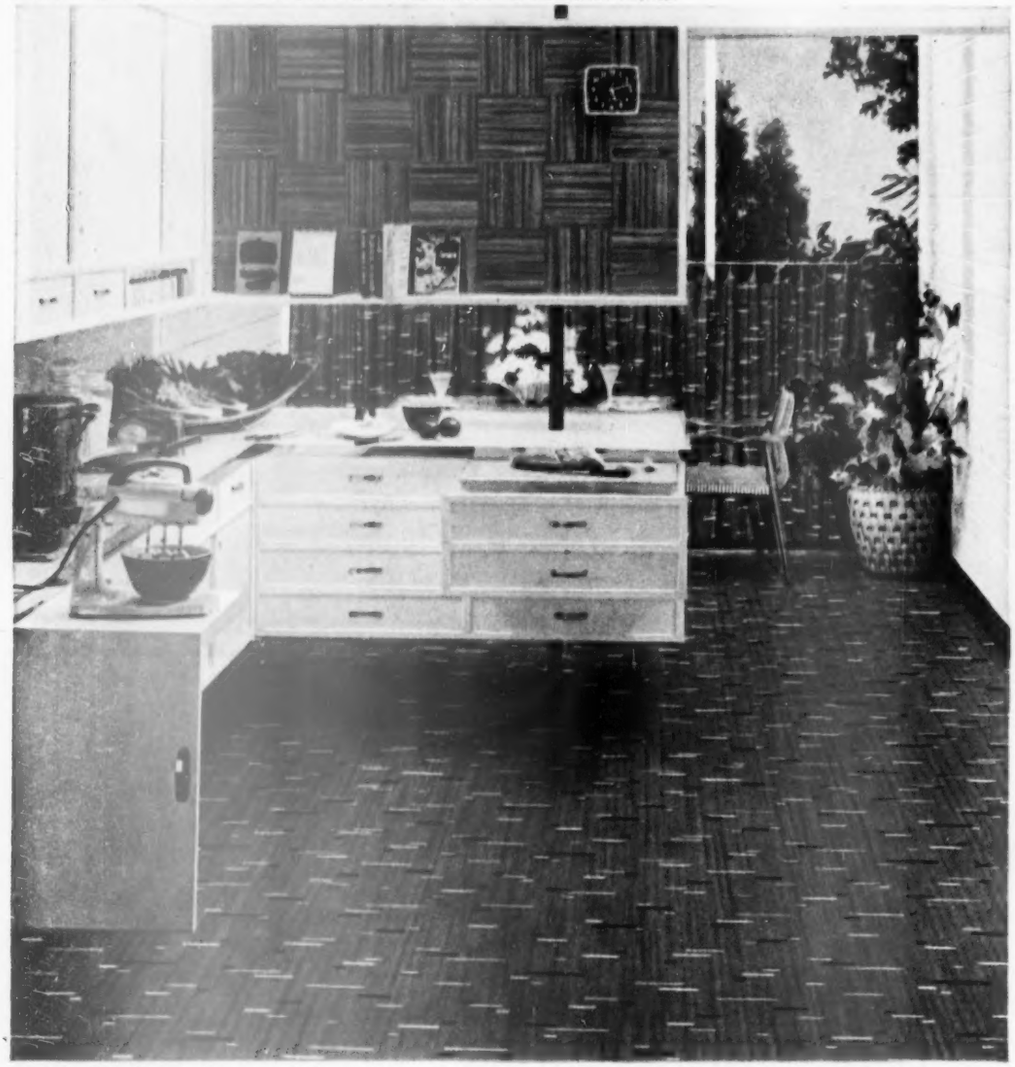
IN CANADA: CANADIAN PITTSBURGH INDUSTRIES LIMITED

it's time for "Jackstraw"

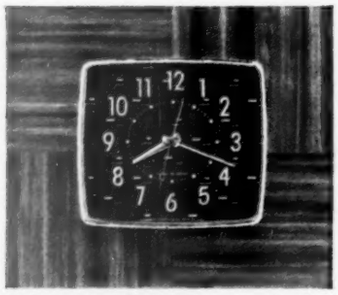
TRADE-MARK

The Gold Seal Nairn Inlaid Linoleum that's so smart it's sparked a world of room fashions!

The floor: "Jackstraw" linoleum; the wall panel: Fashion-Floor linoleum tile; the counter: VinylTop.



This is the floor that started it all—the wonderful, resilient inlaid linoleum that makes small rooms look bigger, all rooms look more delightful. You're your own decorator with "Jackstraw." The narrow strips that carry your eye across the floor actually give you 3 extra colors to pick up in accessories. "Jackstraw" is a cinch to clean, a pleasure to walk on, a joy to own, and the *only* linoleum (because it's Gold Seal Nairn Inlaid Linoleum) that guarantees satisfaction, or your money back! Yet the "Jackstraw" linoleum itself (by-the-yard) for a handsome 9′ x 12′ kitchen costs only about **$34.**



This is the clock, the wonderful G-E Clock, that promises a merrier, brighter, nicer day, thanks to its engaging "Jackstraw" design face.

This is the fabric that couldn't resist matching the "Jackstraw" floor . . . the fabric that makes delightful curtains, cushions, potholders.

These are the tiles that are so precisely-cut, it's easy to lay them in all sorts of ways that stress those wonderful colored "Jackstraw" lines. And (happy news!) you can save up to 1/3 by doing the job yourself!

GOLD SEAL TRADE-MARK ® **FLOORS and WALLS**

CONGOLEUM-NAIRN INC., Kearny, N. J. © 1953. Find the name of your nearest Gold Seal dealer in your classified phone book.

Sliding doors divide this kitchen

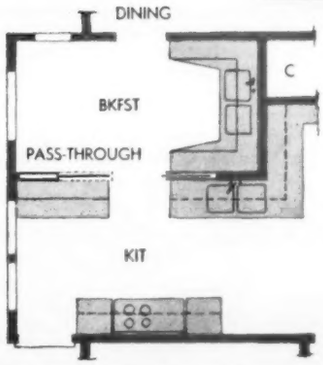
Breakfast area can be completely closed off with this arrangement

Photographs: Hedrich-Blessing

With two doors open, above, you see how counter serves as pass-through from cooking side of kitchen to the attractive "eating side."

Pull full-length door at right closed to divide kitchen completely.

Pots and pans get their cleanup near where they're used. Dishes go directly to dishwasher in eatspot area.



Breakfast room is a favorite place for informal entertaining. With the sliding doors closed, it becomes a separate room.

To make cleanup easier, there's a sink in each section. Architect, Ernst A. Benkert. Decorator, J. Winstanley Briggs.

It's "Jackstraw" time—

With a colorful new G-E Kitchen Clock!

$6.95*

This new crisply styled kitchen clock has been created by G. E. in three exciting colors, matching the popular "Jackstraw" design of Gold-Seal inlaid linoleum.

"Jackstraw" patterns shown above are suggested by the famous "Jackstraw" linoleum patterns. G-E "Jackstraw" Kitchen Clock available in the three colors shown here.

What a gay note you can *add*—just by the touch of color which one of these bright new clocks will bring to the wall! And how a colorful kitchen seems to make work so much more pleasant! Very suitable for bathroom . . . game room, too.

G-E "Jackstraw," favorite pattern of homeowners, has a white case, bold, easy-to-read numerals, shatterproof crystal and ivory-colored sweep-second hand. The price? Just $6.95* plus applicable taxes.

Enjoy accurate, "tickless" kitchen time! Why wind a clock ever again? Get a G-E Electric Kitchen Clock and forget it! General Electric Co., Small Appliance Division, Bridgeport 2, Conn.

**Manufacturer's recommended retail or Fair Trade price.*

GENERAL ELECTRIC

8 New "Motoring Wonders"

Make Nash a New Kind of Travel Car!

IMAGINE traveling in a car with "easy chair comfort" like you have at home . . . traveling spotless, free of road dust . . . and sleeping in your car, in comfortable Twin Beds! These are just a few of the thrilling new wonders that are yours in the 1953 Nash Airflytes.

Step in a Nash and see what whole new horizons open up—inviting you to travel and enjoy life as you never have before. Drive it and see why Nash owners go more places *more economically*. (The luxurious Ambassador pictured here, with optional Dual-Range Hydra-Matic won its fine-car class in the 1953 Mobilgas Economy Run with 21.1 miles a gallon.)

Why settle for a car that's "just good for town"? See your Nash dealer and get acquainted with a whole new world of travel fun!

1 Newest, most beautiful of Pinin Farina's styling triumphs is the Nash Ambassador Country Club. Low, continental hood permits you to see more of the road ahead. Entirely new Nash Power Steering (optional) takes the effort out of driving or parking. Three transmission choices, too, including Dual-Range Hydra-Matic Drive.

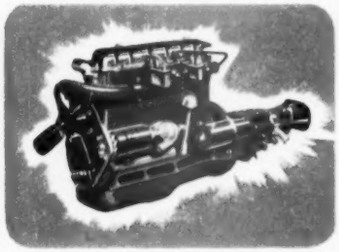
2 New! DUAL Reclining Seats! As in modern airliners and trains, reclining seats give new comfort, take the ache out of all-day trips. One can nap while the other drives! You'll marvel, too, at the *widest* seats ever built into a car!

3 Travel in Filtered Air! You can shut your windows to road noise and dust. Enjoy fresh air that's filtered of dust, screened of insects and most pollen. The Nash Weather Eye System takes in fresh air *above* the hood.

4 Your Own Cabin in the Woods! Now you need never worry about accommodations! You can sleep on the spot in Nash Twin Beds, made up in 30 seconds from Nash seats. Insect screens available for 2- and 4-door sedans!

5 Safer, double-rigid Airflyte Construction, exclusive with Nash, welds body and frame into a single unit, eliminating body-bolt squeaks and rattles.

6 Coil Springs All Around, combined with Nash Airflex Suspension, provide easier steering and "the finest shockproof ride in the world."

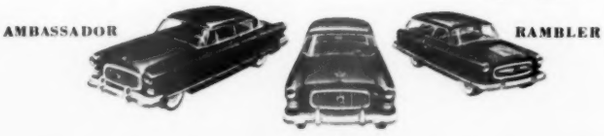


7 Two engine choices, including the custom "Le Mans" Dual Jetfire engine, holder of the finest record of any American engine for four years in the 24-hour Le Mans Grand Prix d' Endurance.

8 Everyone sees everything! Nash-developed slanting rear pillars, and widest rear window and windshield, give all passengers the greatest eye-level view in any car. The huge Nash luggage compartment has 17½ feet of *floor* space—ample for a cross-country trip.

Take the Key and See—

You'll Find None So New As Nash Airflytes



Nash Motors, Division Nash-Kelvinator Corporation, Detroit, Mich.

Photographs: Hedrich-Blessing

Here's the discussion group which met at Chicago. Four couples planning to build were asked what they wanted in their new homes. They discussed every aspect of home planning. The session lasted six hours—and the wealth of ideas presented became the basis for this month's Five Star home

You helped plan a Five Star home

"What do you want in a home?" We gave families like yours a chance to speak their every need, then put these findings with other research to produce the Readers' Choice house on page 65

The usual way to find out what people want is to take a "poll." Hundreds of people are asked a couple of questions, then the answers are broken into percentages that show so many "for," "against," or "no opinion."

We believe this kind of research has drawbacks when you take a subject like *houses*. The subject is broad and tall—you can't get very close to it with just two or three questions. So, instead of asking hundreds of people a few questions, we asked a few people hundreds of questions. The answers are represented on page 65—as Five Star Home No. 2309.

Our discussion group for the Readers' Choice house met in Chicago. It was made up of four couples who represented different professions, different age levels, and different income groups. Their one common resolution: to build a home within the next year or so. The big question: "What do you want in that new home?"

Let's meet these families:

Mr. and Mrs. A. C. Bradley. Mr. Bradley is a telephone-company engineer; his wife is employed in a paint and decorating store. They are planning their retirement home which will be all on one floor with three bedrooms. The Bradleys have two children, a married son and a daughter.

Mr. and Mrs. Norman Evans. Mr. Evans, a commercial artist, and his wife are living in an old Georgian house which they redecorated not long ago. Although the youngest members of the panel, the Evans were consistently the most conservative. They have one child, a small boy.

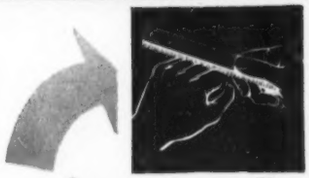
Dr. and Mrs. Lester Skaggs. Doctor Skaggs is a physicist at the University of Chicago. Mrs. Skaggs is active in community affairs. They are now living in a rented duplex and have three children of school age.

Mr. and Mrs. John Swansen. Mr. Swansen is with an insurance company. Aside from raising three girls, Mrs. Swansen is busy with community projects. The Swansens restored an old farmhouse in Pennsylvania before moving to Kenilworth, Illinois.

There were professionals on the panel, too—but only to help with technical points that might have come up. Brooks Buderus, co-architect of the Readers' Choice house, was present throughout the six-hour discussion. So, too, was a Chicago builder, Arthur Fossier, and a real-estate broker, Mrs. Ruth Wendt. Editors from *Better Homes & Gardens* were on hand to take note of the rich variety of ideas expressed.

The exchange of views was free and enthusiastic. Participants were still going at it strong an hour after the formal list of topics had been talked out. The tape recording of the discussion filled no less than 170 typewritten pages! [*Turn to page 210*

Dangerous Drafts can be Eliminated!



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...AND PROVE TO YOURSELF WHY

ADJUSTO-SEAL

DOES IT BETTER!

It's that easy to demonstrate how ADJUSTO-SEAL adapts itself to uneven surfaces.

And your home... even if it's new . . . may have cracks or spaces around doors and windows. Annoying drafts and high fuel bills are the result.

The best way to protect your family's health... and your checkbook . . . is to weatherstrip with ADJUSTO-SEAL.

This wool-pile product is easy to install around all types of doors and windows and on door bottoms. The *thousands of vertical-wool fibers* snug up even against uneven surfaces to form a draft-tight seal, yet doors and windows operate freely, without binding.

But be *sure* you use ADJUSTO-SEAL. It's far superior. Just clench your fist . . . and prove it to yourself. Buy it at your local hardware or department store.

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new SNORKEL® pen

Sheaffer's Snorkel Pens from $12.50 Others low as $4.03

TAKES THE DUNK OUT OF PEN FILLING

Meet the politest pen you ever held in your hand! For Sheaffer's new Snorkel Pen spares you the bothersome mess of old-style "dunking" with the clean-up job afterwards.

Its point, you see, never touches ink. The magic tube reaches out to drink and withdraws when the pen is full.

There's no leakage, no hesitation in writing. And only fresh ink is ever in the barrel, because this new pen flushes itself thoroughly at every filling.

Try Sheaffer's Snorkel Pen. Sense its writing smoothness...with a point custom-ground for your special writing style.

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WATCH JACKIE GLEASON (MR. SATURDAY NIGHT)
ON CBS-TV EVERY SATURDAY NIGHT

Away with fall mud!

Here are tricks that bring sure results when you chase this rainy-day nuisance

Clothes. Let the mud dry first. Then brush off as much of it as you can.

Rinse spot in cold water. In hot water, some red or yellow clay makes a stubborn stain like rust.

But after a cold-water rinse, you can wash fabric in warm soapy water. If necessary, wash again.

Photographs: Stanley

Shoes. Scrape off that wet mud right now. The longer it stays on your shoes, the more chance it'll have to stain the leather.

So go to work on still-moist mud with a table knife. Then wipe leather clean with a damp cloth.

To help the shoes hold the right shape, stuff them with paper. Let them dry slowly. Then polish until they look like new.

Rugs. With a table knife, lift off as much wet mud as you can. Let rest dry; then brush spot well and vacuum the rug.

If mud leaves a stain behind, sponge it off with a damp cloth.

But first, make sure that the water won't harm any twist in the pile. Try it in some inconspicuous place.

Cue for Comfort

Take the cue for happy, healthier living, and choose Waterbury warm air heating for your home.

Heating problems are old fashioned. These days everyone can have a modern, efficient heating plant for every size home, for any type of fuel—with Waterbury. Fill every room in your home with the comfort of gently moving, filtered and humidified air ... just the right temperature ... automatically controlled for your convenience. Yes, Waterbury does these things—and more! Waterbury gives you economy, and year-in, year-out heating dependability as well.

Waterbury

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Most Waterbury oil-fired units are equipped with the famous Sundstrand burner.

OVER 46 YEARS OF WARM AIR HEATING

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Please send me the heating guide, "It's So Important" and the complete folder of Waterbury units.

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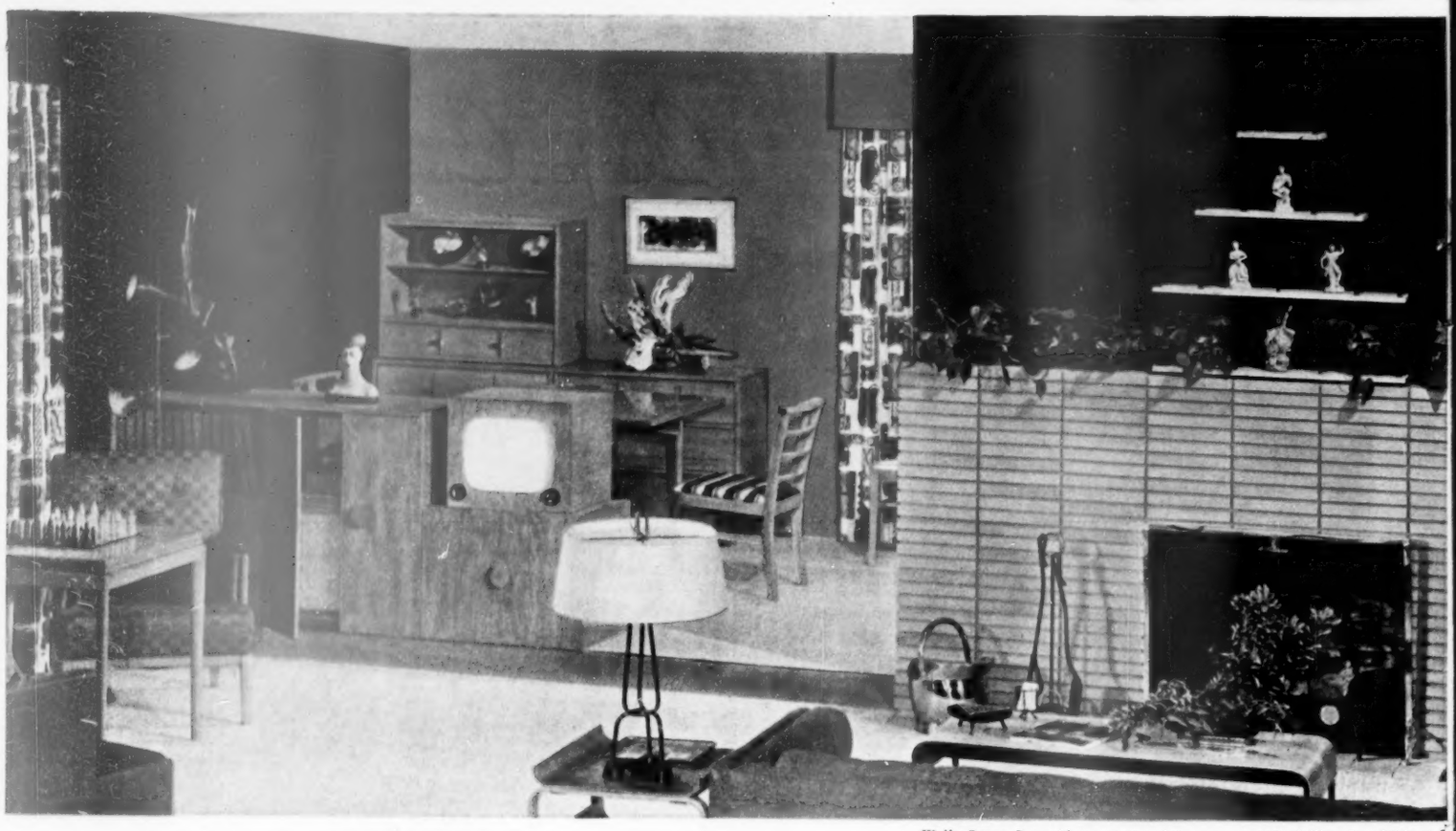
"It's What's Under the Casing that Counts!"



Walls: SPRED SATIN *Chestnut (70) and Pomegranate (47); Ceiling: Bone White (14).*

Colors like these ... that will stay fresh for years... can be yours in a few hours...with SPRED SATIN

1 *Color choice is simple*

Select exactly the colors you want from the giant color card at your SPRED dealer's store. You'll love the 180 beautiful shades—from lightest pastels to deepest tones.

2 *Easy to apply*

Flow it on with brush or roller. Paint as you please—start or stop anywhere—no laps, no brushmarks. And you can touch up later without leaving a trace!

3 *Dries in ½ hour or less*

Use your rooms right after painting. Every surface is dry to the touch in minutes—not hours. And you have a guaranteed washable finish!

4 *Fastest clean-up*

Just rinse out brush or roller under the water tap. In an instant, they're ready for your next use. And you can wipe up floor-spatters quickly with a damp cloth!

SPRED *Color Twins*

A SOFT SATIN SHEEN OR A RICH GLOWING ENAMEL

SPRED SATIN

For walls, ceilings and for woodwork, too! A luxury finish with a tight latex film that resists dirt and grime. It's washable, scrubbable, durable!

SPRED GLOSS

Gives kitchens, bathrooms, all woodwork, the glowing beauty and depth of lustrous enamel—not a glaring shine, but a subdued gloss.

Glidden *Pacemaker in Paints*

QUALITY Glidden PRODUCTS

SEND FOR EXCITING COLOR BOOK—

Hundreds of helpful color ideas! 24-pages of full-color illustrations show how to create color schemes around your present floor coverings. At your SPRED dealer's store, or send 10c in coin to THE GLIDDEN CO., Dept. BHG-953, Cleveland 2, Ohio.

In Canada: The Glidden Company, Ltd., Toronto.

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Photograph: Harriet Arnold

In Hartsdale, New York, the Dad's Club coaches fourth- to tenth-grade boys in football, baseball, and basketball

How safe are home and school athletics?

By Frances Tennenbaum and Dorothy Diamond

Competitive sports are good for your youngster. It's up to you to see that he has all possible protection in them

Sports provide youngsters with incomparable adventure and thrills. Athletic competition contributes to physical fitness, develops grace and poise, and teaches good sportsmanship and the art of leadership. As for the risks involved, almost every case of serious accident or injury can be traced to ignorance, negligence, or carelessness—and grownups contribute!

Safe—with precautions. The odds are overwhelmingly against a child's receiving more than a minor scratch or bruise—when sensible precautions and standards are met. But a trust-to-luck attitude toward safety has no more place in children's sports than has overcaution. Excessively protective grownups, who turn a healthy boy into a weak sister, are obsessed with fears which are for the most part groundless. With proper precautions, all of the popular sports are reasonably safe.

In the last analysis, no one is more interested in a boy's safety and happiness than his mother and father. So it is up to parents to know what the proper precautions are and to see that they are in effect. You can't leave the final responsibility to someone else. Whether your youngsters play on sand lots, public playgrounds, or the school athletic field, you should be familiar with the equipment, supervision, instruction, and conditions under which they play. Furthermore, should you learn that your school has a limited athletic budget, you and other team parents may want to supply what it can't afford.

What about sand lots? Sand-lot play has a rather bad name, but if grownups would give the time and effort, it can be one of the safest and happiest ways for children to enjoy team sports. Glenn Loucks, athletic director for the nationally renowned White Plains, New York, school system, believes that playing on their own develops initiative in children which they don't gain from highly organized sports.

But sand-lot play need not be wholly unsupervised play. Before a boy goes out for a casual game of baseball, softball, or football, see that he knows the fundamental techniques and rules. (He'll also be more in demand as team member.) If you [*Turn to next page*

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UNITED VAN LINES provide dust-proof wardrobes equipped with hangers, to save packing time and pressing bills . . . *extra* United care!

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How safe are home and school athletics?

Begins on preceding page

don't feel qualified to teach him yourself, there's usually a father on the block who was once a champion. Or a book from the public library will help.

In one of our towns, a Dad's Club gets a tremendous kick out of coaching the junior-high boys in baseball, football, and basketball. Where there is no such club, fathers of team members can take turns refereeing weekend games. The father in charge should urge the youngsters to report any injury (kids tend to be stoic about them); see that no bigger boys crash the game as ringers; make sure that one child isn't rigged out with equipment which will protect him at the expense of injuries to others.

Make sure that the sand lot itself is safe. A grassy surface is best. Loose stones and debris, conducive to sprained ankles, should be picked up. Watch out for sharp, imbedded stones, and under no circumstances let your children use stone bases. In dry weather, the sand lot, like any other practice or playing field, should be softened by watering with a hose. Otherwise you are going to reap a lot of bruises from hitting the dry ground.

A Midwestern community recently was appalled when the top scorer on its varsity basketball team dropped dead of heart failure in the final quarter of the game. Neither his parents nor the coach had suspected that anything was wrong with his heart. His childhood growing pains had undoubtedly been rheumatic fever, but the school didn't have a regular system of medical exams, and his parents hadn't consulted a doctor before he went out for team sports.

Check with your doctor. Every youngster should be examined by his family doctor once a year. Many schools give special physicals to all boys who try out for varsity squads. If your school does not, check with your own doctor to see whether he thinks one necessary. When a boy has been ill or has had an injury which has kept him out of play for some time, a doctor's O.K. is desirable before he returns.

A modified program of athletics is imperative for two special types of cases. The boy who has had rheumatic fever, and the one who is growing very rapidly, should not indulge in such vigorous activities as basketball and football.

Is there any way you can *tell* if your child is overdoing it? A report prepared, after consultation with doctors, by the American Association for Health, Physical Education, and Recreation, says:

"The ability to recuperate after exercise is a good guide. Recuperation should be reasonably prompt. If breathing and heart rate are still greatly accelerated at the end of 10 minutes after exercise, and if there is marked weakness or fatigue persisting after a two-hour rest period, restlessness after retiring for the night, with broken sleep; or a sense of definite fatigue the day following, the exercise has been too severe or too prolonged. . . ."

Let's taper off. No boy should be permitted to take part in more than one highly competitive sport during each season. Nor should he be allowed to go from football, say, to basketball without a practice period of at least three weeks in between. The system of "tapering off" after a season is highly recommended. Although few coaches bother, it is almost as essential to "decondition" after a season as it is to have an adequate preseason period of conditioning. In track, where runners may develop an enlarged heart, tapering off is particularly important.

Whatever and wherever your son plays, he will get a thrill out of professional equipment, and you will gain reassurance from knowing he is well protected. Below, under each sport, are listed the safe and necessary paraphernalia, but one item is controversial enough to be dealt with separately.

Face masks? Parents anxious to protect their own children (or coaches their own teams) have in recent years taken to outfitting them with face masks. True, masks can protect the wearer to a certain degree (although playful opponents have been known to bash a mask into a wearer's face). On the other hand, they are so dangerous as an offensive weapon that sports authorities decry their use. They are only necessary—and when they are necessary they are essential—for the catcher in a baseball game or the boy who has broken his nose or wears glasses. Plastic shields are another device for protecting eyeglasses. Shatterproof or unbreakable lenses—both now available—should, incidentally, be a must for any athletic boy or girl.

Also, boy's elastic athletic supporters are basic equipment for any of these competitive sports.

Football. Twenty years ago the entire nation was aroused when mounting football fatalities reached the shocking total of 49 in one year. College officials launched an annual survey designed to keep tabs on the number and kind of injuries, and to work toward preventing their recurrence.

Since that time, the decline in deaths has been gratifyingly steady. For 1951, the Committee on Injuries and Fatalities of the American Football Coaches reported 20 fatal injuries. The incidence among high-school students was .97 per 100,000 players; among college students, 1.52 per 100,000 players. Or, as the National Safety Council points out, you are a lot safer playing football than riding in a car.

[*Turn to page 45*

Colors shown are Cream No. 908-S, Green No. 616-S and Red No. 334-S —selected from the beautiful range of Goodyear Rubber Flooring hues.

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Now your own home can enjoy the luxurious cushioned comfort, the lasting beauty of *flooring that almost never wears out!*

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THE STRATFORD
27K3—27" tube

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How safe are home and school athletics?

Continued from page 42

Although old-timers may mourn the era of the "Iron Men," players are better off in today's swift aerial game than in the once-popular heavy ground attack.

In those days, the opening kick-off of the season took place after only a few practice sessions. By far the greatest number of injuries occurred in the early matches before the players were conditioned.

In his determination to do well, a boy may extend himself beyond the point of normal fatigue. A tired athlete is more likely to be hurt than one who is fresh or has built up endurance. Three weeks of practice before the first match is law in many states. Four are preferable, and many schools also favor spring training. Every player should warm up for at least 60 seconds before entering or re-entering the game, since the first five minutes of play are the most hazardous.

Ask about policy. If you don't know the policy on these matters, don't hesitate to ask. If it doesn't conform to safety standards, parents of the team should join together to see that it is changed.

At all interscholastic games a doctor should be present, and he alone should decide whether an injured player can return to the field.

Your team's schedule has an important bearing on its welfare. In the opinion of the American Medical Association, seven to nine games a season is ample. Small schools should not issue a David-and-Goliath challenge to big schools. During the third and fourth quarters of the game, weary boys from the small school will be pitted against the fresh material which the larger school is able to send in as substitutes.

Some authorities are against tackle football at the junior-high level, but the fact is that hundreds of junior-high students play each year without harmful effects. Archie W. Johnson, a Des Moines, Iowa, coach of many years experience, contends that when teams are matched for size and weight, "small boys can't hurt small boys."

This rule is especially important for sand-lot football. Boys should be impressed with the fact that it is not cowardly to insist that opposing teams be evenly matched.

A prerequisite for football enjoyment and safety is to be well versed in the fundamentals. The American Football Coaches Association has singled out blocking and tackling as the most hazardous activities, and has urged that more time be spent in learning to do them properly. A flying tackle may look dramatic to the stadium, but like many another grandstand play, it doesn't make sense. A tackler can do his job more effectively and more safely by being close to his target, with his feet firmly under him and his head up, avoiding contact with his opponent's knee. Coach Johnson also recommends that a ball carrier learn how to outmaneuver a tackler—stepping aside instead of meeting his attacker head on.

Essential football equipment. For informal neighborhood games, your boy will need four essentials of equipment: helmet, shoulder pads, shoes, and a ball. His gear should be of good quality. Body-contact sport is no place to skimp.

Helmets come in both traditional leather and brightly colored plastic. The harder, cheaper plastics have not yet been universally accepted. Their detractors claim that they may be dangerous to the opposition. Whichever you choose, make sure that the helmet is sturdy enough to withstand blows and that the protective mechanism inside (which may be suspension webbing, padding, or both) gives sufficient insulation to the crown and sides of the head.

Fiber *shoulder pads and epaulets* should be the cantilevered, suspension type which provides the same sort of shock absorption as an automobile's knee action. This variety is a far-better preventive against broken collarbones and shoulders than the old-fashioned, flat pad.

Shoes with metal cleats don't belong on the gridiron. Intercollegiate and high-school teams wear high leather shoes with hard rubber cleats. Inexpensive imitations can be dangerous, since cleats may snap off, leaving the sharp points exposed.

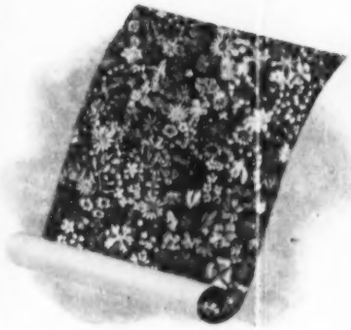
For the boy playing intramural or sand-lot football, an excellent, moderately priced shoe can be borrowed from another sport—the Little League baseball shoe which has softer rubber cleats. To avoid extra expense, boys can also wear sneakers, with suction bottoms preferred to smooth, or ordinary low-cut shoes to which they can attach homemade cleats. The cleats are small squares cut from a piece of sole leather and applied pyramid fashion (several squares in diminishing sizes, and one on top of the other). The sides of the little squares should be beveled with a sharp knife. Three or four such cleats should be nailed to the shoe. Whatever shoes are worn, it is best for the ankles to be taped.

The *ball* is regulation. An excellent junior version, developed by the Touchdown Club, is smaller for easy handling by youngsters.

Besides handsome jerseys, varsity players should wear hip and kidney pads, with the tail long enough to cover the spine, and pants with well-padded knees to forestall the knee injuries which are among the greatest hazards in today's game. An elastic supporter is generally indicated, and this is especially true with older players.

In *touch football* and *soccer*, played by both boys and girls, there is no

[*Turn to page 237*



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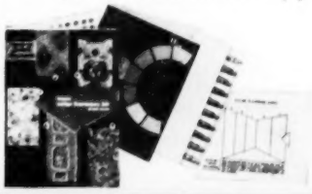
Your "Color Harmony Kit" by Jean McLain contains planning sheets and crayons in 10 basic colors to help you sketch your own schemes. Yours for only 25¢.



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How Aluminum helps in Good Taste

What possible flavor could you add . . . to the tang of anchovies . . . to the melting crispness of a feathery waffle . . . to the taste-bouquet of sun-ripened strawberries . . . to the meaty tenderness of a turkey browned just right?

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Have more poppies next spring

Plant Oriental-poppy roots now, and you'll have plenty of their color-capped stalks in your garden next June.

Oriental poppies are dormant in the summer. They must be planted soon, before they make much fall growth. A few weeks from now, they'll put out rosettes of green leaves which will live through the winter.

Besides planting new ones, you can divide poppy clumps you already own. You can get several new plants of blooming size from each established clump.

Plant poppies in a sunny, well-drained spot, and they'll be more likely to thrive. Add a loose mulch to protect them during the winter.

Place your poppies among other perennials so nearby plants will screen but not shade them during their dormant seasons.

To get new color into your perennial border, try a few of the new poppy varieties. Some are dwarfs just 1 foot high, others reach up to 4 feet. And you can get blooms ranging from tiny, spotlight size to 10 inches across.

For variety suggestions, see "You can't beat poppies for color," in the June, 1953, issue of *Better Homes & Gardens.*

Always move poppies when they are dormant — August and September in most parts of the country. Cut soil in a complete circle around roots, then pry up clump.

If the soil is hard, water the day before you dig. Poppy roots are brittle, so dig carefully. You will have to dig more than spade depth to get all of the roots.

As you lift each clump, pull roots apart with your fingers. You can get about three or four new blooming-size sections from each old clump.

Save all the broken root ends — they'll grow, too. Cut their upper ends straight across, lower tips on a slant, so you'll know which end to place down when you plant.

Photographs: Stanley

Space plants at least 2 feet apart. Replant clump divisions with crowns — scaly portions where leaves start — 1 inch below the soil surface.

Place in rows and cover tops of root cuttings with 2 inches of soil. Mound soil slightly, and firm with hands. Stake to protect crown from trampling.

Before cold weather, tuck a loose mulch under the new leaves. This will protect the clumps from alternate freezing and thawing during winter — and the soil heaving which sometimes breaks their roots.

For additional winter protection, over each make a tepee with three stakes and a swirl of burlap or canvas.

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BEAUTY ON TAP! Myers-softened water floats away dulling soap film, leaves your hair soft, lustrous, easy to set. Wonderful for bathing, too. In soft water there are no harsh minerals to roughen and irritate even a baby's skin.

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Wears for Years and Years!

NO OTHER FLOOR IS SO LUXURIOUS AND PRACTICAL, TOO. Made only of pure, tough natural cork, Kencork's rich beauty is astoundingly durable...resilient to walk upon...and yet so easy to keep clean. Only occasional waxings are needed to retain the subtle luster of this lovely floor...in fact, many Kencork Floors in constant use for 30 years and more still look and feel as luxurious as new. Kencork saves you money, too, because it needs no other floor covering.

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HOW-TO

for the handyman

Clamp corners easily, as in making picture frames, with four jigs made from scraps of ¾-inch plywood.

Make sure corners are precisely at right angles. Bore for clamp seats close to corners, to hold miters tight.

Use only two jigs, at diagonal corners, when frame is too small to take all four. Slip of waxed paper at joints keeps frames from sticking to jigs.

Stanley Morgan
Cleveland, Ohio

Glass-cutter edge gets dull easily when it's not protected from rust and from banging against other tools.

Protect it from damage of both kinds with a piece of felt held over the end with several twists of rubber band.

Few drops of oil on felt will help prevent rust, and keep cutter in good working condition for a long time.

Mrs. Grant Hardy
Hinckley, Utah

Photographs: Stanley

Nail up spools as hangers for articles of clothing in garage or workshop.

Spools are less likely to cause tears than plain nails, and stretch fabric less.

They also eliminate possibility of rust marks, when garments are wet or damp.

William Swallow
Brooklyn, New York

Store paint cans inverted on shelf when paint is partly used. Paint seals can, and pigment settles to lid.

Then, if skin forms, it is at *bottom* of paint, not top. Turn can right side up carefully when you reopen, so that skin won't break.

When you pour paint into another container, scrape pigment from lid, for easy mixing and perfect paint.

Frieda Dramer
Inkster, Michigan

More on page 51

Newly-wed or not . . . enjoy

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by Fieldcrest

Your bedroom is a mirror for you, so fill it with pretty things. Snowy sheets edged in prints and pastels. Towels and blankets and bedspreads as beautiful as Paris gowns. Feminine frippery that makes you a glamour girl, whether you've been married one year or twenty. All designed by Fieldcrest to prolong the honeymoon and pamper your purse.

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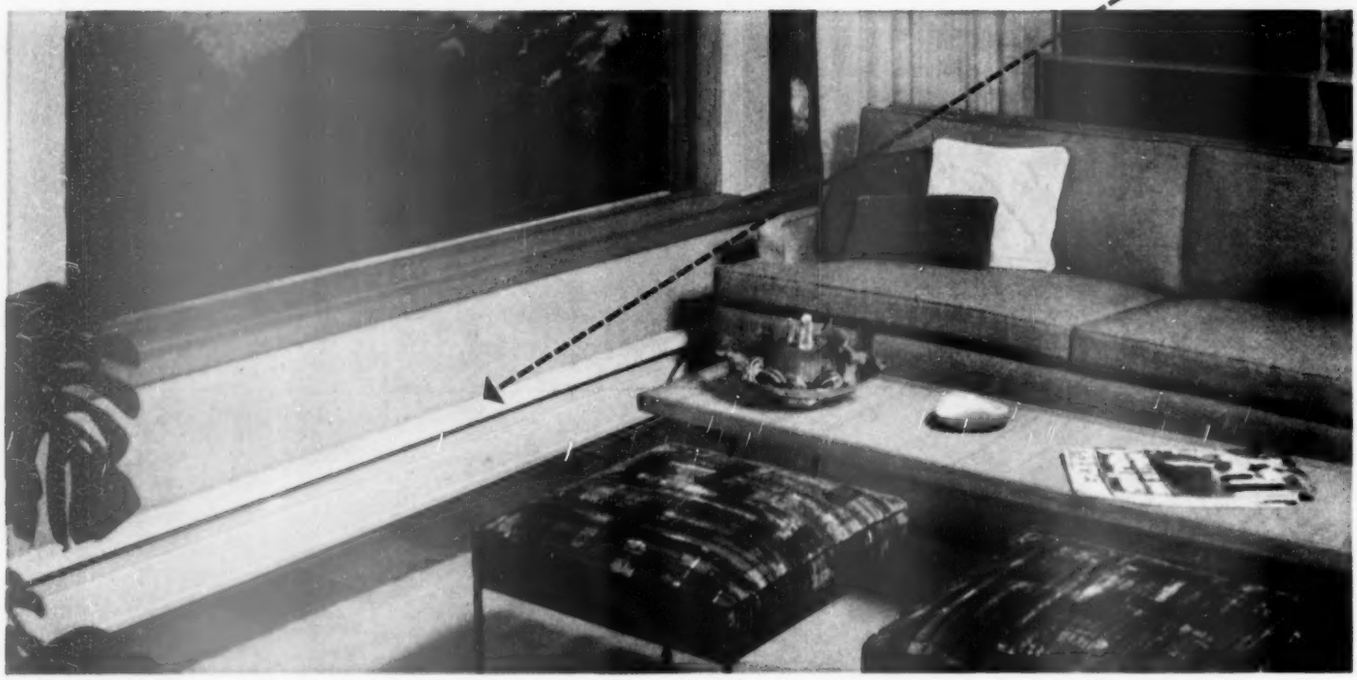
The new Trane Baseboard Convector brings you "Hidden Heat" . . .

Now! A modern, beautiful way to heat your new home



You might never notice the new TRANE Baseboard Convector that heats this beautiful room. It's part of the wall. Painted to match. Inconspicuous. And that's why it's so beautiful . . . a design that matches (never mars) the beauty of your new home.

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Here's true perimeter heating! Gently moving heat spreads uniformly along virtually every inch of outside wall space. No cold corners! No overheated areas. New TRANE Baseboard Convectors surround you with even, overall heat. Block chilling wall and window drafts *forever.*

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How-to for the handyman

Begins on page 48

Nontear sandpaper strips are assured if you strengthen narrow pieces with cellulose self-sticking tape.

A few lengths of tape on the back will give the strips plenty of resistance to tear when you use them to sand turnings in a wood lathe, or when you employ the shoeshine technique sanding spindles and turnings.

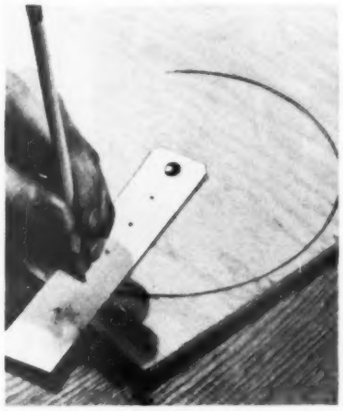
Mrs. W. Perry
Salt Lake City, Utah

Store brushes overnight or between coats—or until you find time to clean them—by putting them in a plastic bag, then in water—*never* directly in water, which ruins them.

The water forces all the air out of the bag—the paint can't dry on the brush.

When you're ready to paint again, the brush is soft and ready to use—and no water has touched the bristles.

Stanley Morgan
Cleveland, Ohio



Cardboard compass makes circles more accurately than standard "pencil-and-string" method, has an added advantage of repeatability.

Thumbtack forms pivot, and point of pencil pierces through cardboard at measured distance from the tack hole, for circle of any desired diameter. Can be used over and over—can be set up with holes for pencil at a number of often-used sizes.

R. H. Phinney
Bronx, New York

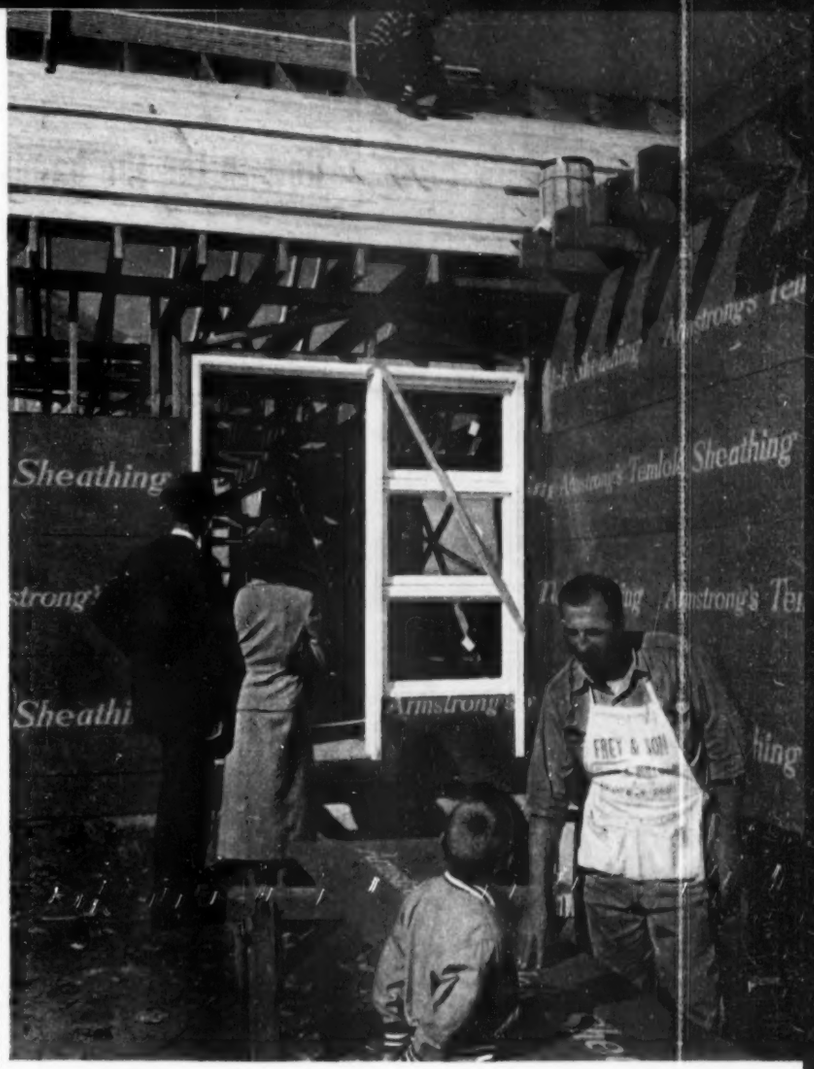
Lock bristles tighter in a new paintbrush by spreading them apart and letting varnish drip into the heel.

Use a good grade of varnish, the amount depending on the size of the paintbrush. Leave the brush in an upright position while varnish dries.

This technique reduces nuisance of loose bristles, keeps wedge in heel from swelling when you wash the brush out with soap and water.

Harry Mayover
Philadelphia, Pennsylvania

More on next page



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Yes, you get a stronger, better-braced and more windproof home when you build it with Armstrong's Temlok® Sheathing.

Temlok is made of wood fibers mixed with asphalt and pressed together into big, tough boards. Because it is a manufactured material, it is uniformly strong and has no imperfections or weak spots. It adds rigidity to the framework of your home.

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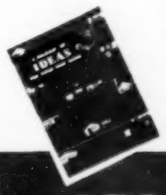

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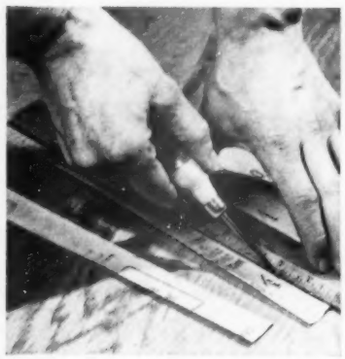
How-to for the handyman

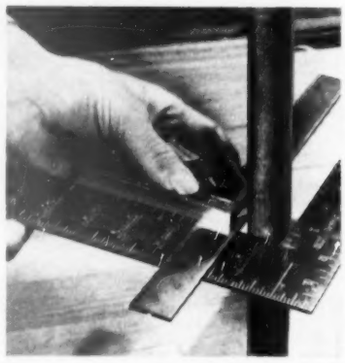
Continued from preceding page



Cut up sandpaper smoothly with true edges by scoring it on back with scratch awl or ice pick held against any straight edge or ruler.

Your strips will not have any ragged edges which induce them to tear. And your pick doesn't become dull, because all you cut is paper.

Harold E. Miller
Jackson, Mississippi



Find diameter of any round object from a stove bolt up to stovepipe by using a pair of squares as caliper.

With the head of one square against the tongue of another, you're sure that two blades are parallel. Read the dimension off the scale.

Scaling nonrigid materials, be careful not to force them out of shape taking reading.

Curtis L. Willis
Moore, Idaho

Remove wallpaper quickly by spreading a thick starch mixture over it with regular wallpaper-paste brush.

Starch holds water in contact with paper long enough for old paste to soften — and its stiffness eliminates runoff and messiness of water.

Lift off soaked paper with broad putty knife, rolling it up for nonmessy disposal.

Mrs. C. A. Zimmer
Pittsburgh, Pennsylvania

Loose screw in plaster wall is easy to redrive securely if you pack enlarged hole with little pieces of leather.

Cut them in blunt wedge form and curve them slightly to accept screw.

The screw cuts threads in the leather, wedging it apart so that rough edges of hole grip leather packing tightly.

M. J. Hartman
Westlake, Ohio

▶ Send your original handyman tips (photographs are not necessary) to Home Maintenance Editor, 6709 Meredith Building, Des Moines 3, Iowa. For each accepted, *Better Homes & Gardens* will pay $5. All will be considered carefully, but those not accepted cannot be returned.

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← SEE HERITAGE-HENREDON FURNITURE AT DEALERS' LISTED ON OPPOSITE PAGE

Once a year the American Medical Association holds a meeting at which doctors from all over the country review the latest advances in medical science. This year, 18,000 physicians listened to more than 400 reports by authorities. What did they talk about? Here are some of the high spots

By Donald G. Cooley

There's news in medicine

when doctors meet to catch up with medical progress

Sinus headaches do not necessarily mean that the sinuses are infected, Dr. Stewart G. Wolf of Oklahoma City has found. Typical sinus-headache patients had swollen nasal membranes and obstruction. Pain arose primarily from these membranes rather than from the sinuses themselves. Among the agents that provoked these changes in membranes of the nose, with accompanying pain, were chemical fumes, pollens, and stressful situations such as the news that one of your in-laws is going to move in with you.

Severe high blood pressure that threatens life and does not respond to other measures may be relieved by surgical removal of the adrenal glands. Dr. Ralph F. Bowers of Memphis reported 28 such operations. Eight deaths occurred in extremely severe cases. All but 2 of the 20 survivors had normal blood pressure nearly two years after operation. Cortisone is given to replace vital functions of the removed glands.

Measles occasionally cause encephalitis (inflammation of the brain), with such severe damage that many victims who do not die become "living vegetables" doomed to confinement in a mental institution. This tragic state of living death has always been considered permanent, beyond help.

Now there is startling proof that the "hopeless" encephalitis-damaged brain can be restored to normal. Dr. Evelynne G. Knouf and Dr. Albert G. Bower of Pasadena reported spectacular success with typhoid-vaccine injections.

Fifty encephalitis victims in Los Angeles County Hospital were in such hopeless condition that death or admission to a mental institution was just a matter of time. A series of typhoid-vaccine injections, given over periods ranging from two weeks to four months, brought a dramatic return of normal brain function in every case.

One patient was a paralyzed 17-year-old boy, in a coma and on the point of death. After several vaccine shots he moved his legs, later began to talk, and after two months he was considered mentally normal; later he was classified 1-A by the Army.

The doctors suggest that many incorrigible, unmanageable children whose abnormal behavior follows an attack of measles, mumps, or some severe infection may be suffering the aftereffects of a mild case of encephalitis.

Breast cancer is detectable in early and curable stages by women who are taught self-examination of the breast. A 15-year study of cancer control, presented by Women's Medical College of Pennsylvania, pointed out that there are not enough doctors in the country to examine all women every six months, so women must assume this responsibility themselves. Women 30 years of age or older should practice self-examination of the breasts every month, not every six months. Physicians conducted 11,203 breast examinations and concluded that cancer of the breast, not detectable by skilled examiners, can develop in less than six months to a stage which can be readily detectable by women themselves.

A polio vaccine will some day be attained, but obstacles that first must be overcome were explained by Dr. Albert B. Sabin of Cincinnati, an authority on the disease. Viruses must be cultivated in living tissues. A practicable vaccine must be effective in small dose, to permit manufacture from safe tissues in quantities sufficient for millions of persons.

Two main types of vaccine are being studied. One is made from "killed" viruses; their ability to cause disease is destroyed, but they can still stimulate the body to produce chemical substances (antibodies) that create immunity to disease. The other is made from living viruses which are so weakened and tamed that their disease-producing power is lost, but capacity to build immunities is retained.

A killed-virus vaccine, even though safe and effective, would still be impractical if vaccination had to be repeated every year or two in the whole population. A living-virus vaccine, [*Turn to page 57*

New cleaning magic for kitchens!

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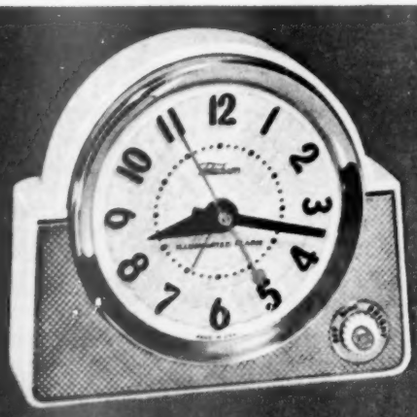

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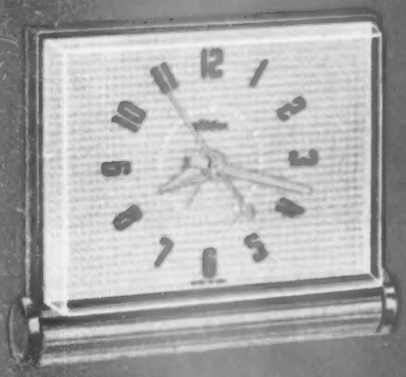
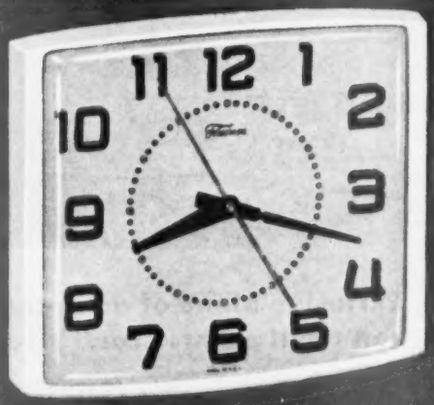
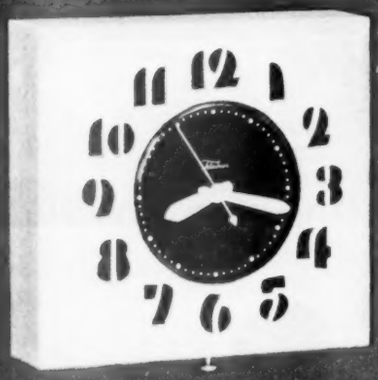


TRIBUTE. Elmer gabriel finish gold-color base, perfect dial. Alarm too! And of course it's Accurate! Silent! No winding! **11.95***



BUTLER. New, sharp, 3-dimensional numerals. Choice of colors to flatter your kitchen. Accurate! Silent! No winding! **7.95***



ADVISOR. Up-to-the-minute kitchen beauty. Also in pastel shades with contrasting dial colors. Accurate! Silent! No winding! **5.95***

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2. Use an official entry blank from your Telechron clock dealer; or write on one side of a plain sheet of paper and have your Telechron clock dealer sign it.

3. Mail your entry to "Telechron Clocks, P.O. Box No. 430, New York 46, N.Y." Entries must be postmarked not later than November 15, 1953, and received not later than November 30, 1953.

4. Entries must be the original work of the contestant and submitted in his own name. (Include address.)

5. Contest open to all residents of the U.S., its possessions and Canada, except employees of General Electric Company, its advertising agencies, and their immediate families. Contest is subject to all federal, state and local regulations.

6. Entries will be judged on the basis of originality, sincerity and aptness by the competent and impartial judging staff of The Reuben H. Donnelley Corp. Duplicate prizes in the event of ties. All entries and ideas expressed therein become the property of Telechron Department, General Electric Company, to use as it sees fit. No entries will be returned. Winners will be notified in person or by mail. Decisions of the judges will be final.

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*Prices plus tax. Prices and specifications subject to change without notice. ELECTRIC CLOCK

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There's news in medicine

Begins on page 54

giving permanent immunity, is the goal of researchers, but thus far none has been found which is totally free from danger of causing damage to the nervous system.

An exciting possibility is that we may obtain polio immunity by proxy from the cow. There is evidence that cattle are infected by viruses that are chemically related to polio but presumably harmless to man. They apparently cause the body to produce the same immunizing substances that an actual polio infection creates. If the mysterious cow viruses can be isolated in pure form, they may serve as substitutes for polio virus, giving us immunity to polio but never the disease itself.

The cow has, in fact, given us one gift of precisely this nature. The smallpox-vaccination scar on your arm was not caused by inoculation with living or dead smallpox virus, but by cowpox virus. The trifling infection caused by cowpox virus protects you against the quite different and considerably more serious disease of smallpox.

Cataract usually can be cured by surgical removal of the cloudy, opaque lens of the eye which obstructs vision. But the patient must wear distorting, unsightly glasses to take the place of the missing lens.

A new operation devised by Dr. Harold Ridley, London eye surgeon, restores practically normal distance vision to most cataract patients and does away with glasses. Immediatedly after the cataract is removed, a tiny, transparent-plastic lens is implanted in the eyeball behind the pupil.

Dr. Warren S. Reese and Dr. Turgut N. Hamdi of the Wills Eye Hospital, Philadelphia, told of performing the operation on 16 patients, with nearly normal restoration of vision in 14 cases. The plastic lens becomes part of the eye and permits both eyes to be used together, so the patient does not have to undergo the very disturbing experience of learning to see all over again.

Pinworms can cause symptoms often mistaken for appendicitis. Dr. John R. Schenken of Omaha, Dr. Francis C. Coleman of Des Moines, and Dr. Emma S. Moss of New Orleans reported that signs of pinworms can be found in as high as 70 percent of appendixes removed from children aged 5 to 9 years. Dr. William J. Eckerle of Rolling Hills, California, who estimates that pinworms infest about 40 percent of school children, advised garlic as an inexpensive, nontoxic, and effective treatment. Garlic may be raw or in the form of deodorized tablets or rectal suppositories. Reinfection is prevented through hygienic measures.

Gout attacks diminish in frequency after long-term treatment with a new synthetic drug, probenecid. Chalky deposits of sodium urate, derived from uric acid, accumulate in the "red-hot" joints of patients who have chronic gout. Dr. William S. Hoffman of Chicago explained that the effect of probenecid is to increase the excretion of uric acid by the kidneys. Thus, the chalky-joint deposits, deprived of raw materials, gradually fade away. The drug is taken by mouth. Within six months, gouty joints too painful to move have regained flexibility, allowing bedridden or crippled patients to return to their vocations.

Rheumatoid arthritis and other inflammatory diseases are eased by a drug which you use every day to digest your meals. Trypsin is a digestive enzyme secreted by the pancreas gland. It also "digests" the fibrous matter of blood clots and liquefies thickened fluids in the vicinity of an inflammation.

Injections of trypsin were very effective in reducing inflammation in 538 patients whose histories were summarized in an exhibit by Dr. Alfred Schwartz, Dr. Irving Innerfield, and Dr. Alfred Angrist of Jewish Memorial Hospital and New York Medical College. Another new drug, phenylbutazone or butazolidin, was hailed as "the best thing since cortisone" by many specialists, for relief of crippling rheumatic diseases, gout, sciatica, and bursitis (painful shoulder, housemaid's knee, tennis elbow). Relief from pain and crippling symptoms have been reported, but in rare instances the drug may cause serious reactions, and experts advise that it should not be prescribed for trivialities.

Trichinosis or "raw-pork disease" affects one out of four Americans at some time during their lives according to estimates based on autopsies. The disease is caused by eating pork containing live larvae of wormlike organisms that develop in the body and burrow into muscles. Many infected persons have no symptoms, since seriousness of the infection depends on the quantity of larvae ingested.

Up to now, responsibility for protecting the family has rested almost wholly on the housewife, who should be sure that all pork products are thoroughly cooked to destroy possible larvae. A practical method of protecting the public by inexpensive irradiation of pork before it is offered for sale was reported by Dr. S. E. Gould of Wayne County General Hospital. Very small doses of irradiation, produced by waste products of atom-bomb plants, are sufficient to sterilize pork with no change in flavor or other undesirable effects.

Toxic effect from carbon tetrachloride can be harmful. Stamp collecting seems like a harmless hobby, but preparations used to bring out watermarks in stamps

[Turn to next page

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There's news in medicine

Continued from preceding page

may contain this chemical. Dangerous or even fatal amounts can be inhaled in poorly ventilated rooms. Carbon tetrachloride is widely used as a household cleaning agent of the noninflammable type. An exhibit by the University of Rochester School of Medicine called attention to little-appreciated toxic hazards of many hobbies and home activities. Gardening has its special dangers if familiarity breeds contempt for insecticides, poison dusts, and sprays.

Bright's disease (nephritis) is an acute or chronic kidney disease of heretofore uncertain cause. Dr. Charles A. Janeway of Boston and Dr. Norman M. Keith of Rochester, Minnesota, cited recent evidence which incriminates a few specific types of streptococcus germs as the organisms to hold responsible.

The germs do not cause Bright's disease directly, in the sense that a measles virus causes measles. Rather, the victim reacts as if he had an allergy to some substance introduced into the body by the activities of the germs. This allergy-like response "pulls a trigger," in effect, on mechanisms that result in nephritis.

This knowledge may lead to ways of preventing Bright's disease in somewhat the same way as rheumatic-fever attacks are now prevented. Rheumatic fever is believed to be an allergylike reaction to products of a strep infection, and an exhibit prepared by the National Heart Institute and the American Heart Association emphasized that both the initial attack and recurrent attacks of rheumatic fever can be prevented by proper use of sulfa and antibiotic drugs.

Peptic ulcers tend to flare up when the patient is under intense emotional or physical stress. The importance of the nervous system in aggravating an ulcer is recognized in the nerve-cutting operation (vagotomy) which interrupts nerve impulses that make the stomach squirm too busily and cause excessive production of acids. But we also have a chemical communication system which sends out excited messengers quite independent of the nerves.

Dr. Seymour J. Gray and his associates of Boston presented evidence that the stomach acts like an endocrine gland. Worry, anxiety, "nerves," all kinds of physical stress, may assault the stomach with waves of excitable hormones produced by various glands, especially the adrenals. Marked increases of stomach acids, typical of peptic ulcer, have been produced by hormones alone in patients whose nerve pathways had been severed. Better control of peptic ulcer may come from improved knowledge about hormone influences.

Injuries of the neck that are frequently overlooked at the time may be produced by minor collisions of automobiles. You stop your car for a traffic light, the careless driver behind rams into you. Your head and neck may be snapped forward and backward, tearing ligaments and causing neck pain, soreness, and stiffness that can persist for months. Dr. James R. Gay of White Plains, New York, and Dr. Kenneth H. Abbott of Columbus, Ohio, reported that 8 out of 10 such injuries occur when the victim's car is crashed from behind by another vehicle. They advise: stay at safe stopping distance behind the car ahead; allow a car that follows too close to pass; when stopping, observe the driver behind; if collision is unavoidable, cover and support head and neck with arms.

Aged mental patients were calmed, their behavior and general condition improved, by a safe and inexpensive elixir used in Eastern State Hospital, Medical Lake, Washington. Dr. Sol Levy, clinical director, reported the preparation to be particularly valuable for the mildly confused, mildly deteriorated aged patient. Some aged persons with simple mental deterioration probably can be improved to the extent that they can remain in their own community. The elixir contains metrazol, a drug that stimulates the nervous system, and nicotinic acid, a vitamin which dilates blood vessels.

Skinned knees suffered in swimming pools caused tuberculous infection of the skin in nine cases reported by Dr. Rees B. Rees and Dr. James H. Bennett of the University of California School of Medicine. There was no evidence of tuberculosis elsewhere in the body, and all the cases were cured. But the doctors believe that the existence of a public-health problem should be emphasized. They suggested that swimming pools be resurfaced with hard tiles to prevent abrasions.

Report card

Our son is not a scholar,
Not first among his class,
And yet we shouldn't holler,
It looks as if he'll pass.

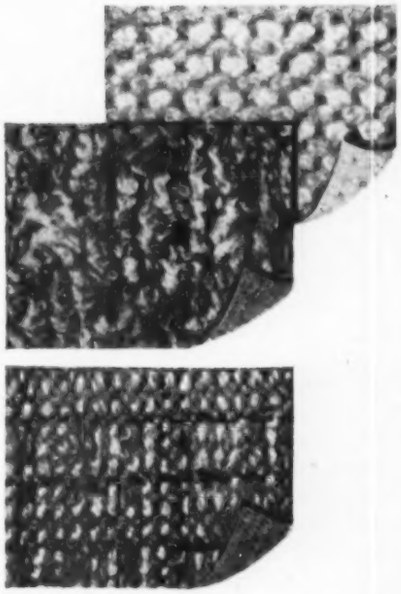
In fact, although we're doubting,
And asking what and why,
And maybe even pouting
Because his grades aren't high,

We're putting on our air of
Bright parents, much upset—
And glad he's not aware of
The grades *we* used to get!

—*Richard Armour*

THIS BEAUTY DOESN'T NEED PAMPERING!

You don't have to treat your upholstered furniture with kid gloves when it's covered with *Candalon Latex-Backed Pile Tweed!* These beautiful, softly textured fabrics are designed for *living*. It's all because they're woven with a special Latex Back that repels dust, repels moisture. The result is, household dust doesn't settle into the fabric, and it's easy to whisk off. In the same way, spilled liquids find it hard to seep through, so it's easy to sponge off these fabrics with any type of cleaner. What's more, this Latex Backing helps protect the padding from dust and moisture—and it all adds up to the kind of beauty that *stays* beautiful—with a minimum of care. *(Look for these Candalon Pile Tweeds in better furniture stores everywhere—or write for the name of your nearest dealer to: Collins & Aikman, 210 Madison Avenue, New York 16, N. Y. In Canada, Farnham, Quebec.)*



A wonderful thin backing of Latex makes Candalon Pile Tweeds dust-repellent and moisture-repellent!

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Your home is the center of happiness and security for your family. For something so precious, you want the best protection possible. That's why it pays you to bring your Home Insurance man into your plans. He can help you every step of the way . . . can recommend construction features that will make your home a safer place in which to live. If you are planning to build or remodel, plan to have a talk with your Home Insurance agent because "built-in safety" can substantially reduce home accidents.

Ask your Home Agent for the 48-page booklet, "How to Build or Remodel for the Safety of Your Family." It shows how to have a safer, more livable home through good design related to common sense work and play habits. Safety can be made to pay its own way.

Your HOME*TOWN* Agent can serve you well — see him now!

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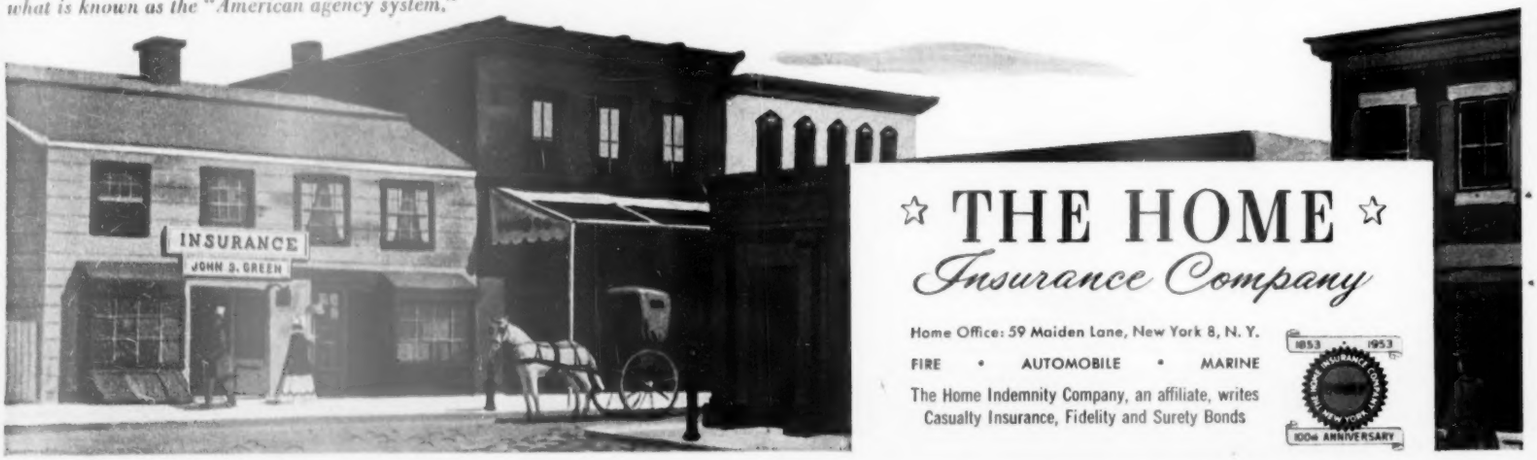

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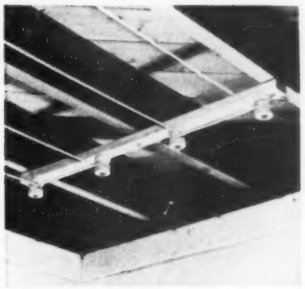
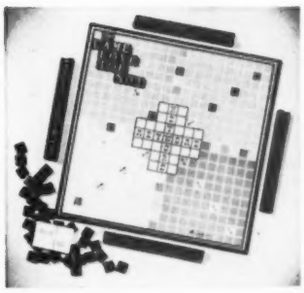
It's NEWS to me!®

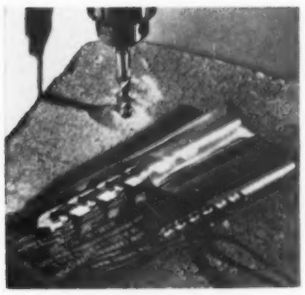
Home tractor is a mechanical gardener designed to work around the yard the way a vacuum cleaner takes care of the house. The ride-on tractor has 1½ horsepower engine, two speeds forward, and a simple hitch for a number of operating accessories. Tractor can be converted into a power dump truck, a heavy duty 10″ circular saw, power-riding mower, mobile tool rack, self-propelled wheelbarrow, spiker-roller combination, power seeder-fertilizer spreader. *Yard Hand*, $259, with mower and grass catcher. Other accessories about $30 each. Available through Sears, Roebuck. Manufactured by Hiller Engineering Corp., Redwood City, Calif.



Drying lines are easily put up and kept taut when they're strung on this hanger designed to fit basement ceiling joists. Line is run back and forth between a pair of the wooden bars and is snubbed tight on the spools. Each line hangs independently of the others so the weight of clothes on one does not affect the other lines. Bars are solid wood, each with four snubbing spools. *Cloz-Line Hanger*, $3.87, pair, in stores, or direct from manufacturer. Polyphase Mfg. Co., 7 Dumont St., Rochester 17, N.Y.



Playing with words is the new game keeping people up nights. It's surprising what a vocabulary you can muster when your score is at stake. It's not only fun, it's educational. You start with a rack of gibberish and turn it into sensible language by laying out words on the board. *Keyword Crossword Game*, $3, in stores. Parker Brothers, Salem, Mass.



Masonry drill has a supertough tungsten carbide tip that will bore holes efficiently in concrete, brick, and plaster. Designed with a spiral flute which automatically lifts dust out of the hole as it rotates, so there is no clogging and stalling. Drill is available in a range of sizes to fit ¼″ and ½″ chuck. *Handyman's Kit* (¼″, ⅜″, and ½″ sizes), $6.65 in stores. Carboloy Dept. of General Electric, Detroit 32, Mich.

Hanger for your stirring spoon keeps it right at the pan instead of lying on the stove making a puddle. Holder clamps to the side of the pan; it will fit on your skillet and mixing bowl, too. Spoon can be suspended horizontally, as illustrated, or it can be held vertically. Either way, it won't slide down into the pan to be fished out, and the spoon handle stays cool for repeated stirrings. *Spoon Holder*, 25c in stores. The Dor-File Mfg. Co., Portland, Oreg.

More news on next page

Here's a new kind of paint — a better *alkyd flat enamel* for walls — or trim. From every standpoint — application, appearance, economy, durability and choice of colors — you couldn't ask for, or hope to find a more completely satisfactory wall paint.

EASY TO APPLY — Use a roller or brush. New Lyt-all Flowing Flat flows on almost without effort — dries flawlessly smooth — requires no primer.

ODORLESS TYPE — There's no tingling of eyes or nose while you paint — no objectionable odor afterwards.

ACTUALLY SCRUBBABLE — New Lyt-all Flowing Flat is so hard-surfaced, dirt can't penetrate — so wear resistant you can scrub it again and again.

PLEASANT TO LIVE WITH — You'll never tire of Lyt-all's distinctive modern colors, tints and tones — its restful velvety-smooth beauty.

Let your Pratt & Lambert dealer show you how easy it is to create fascinating new color schemes of unusual charm and originality with this remarkable new paint. Ask to see today's finest wall colors.

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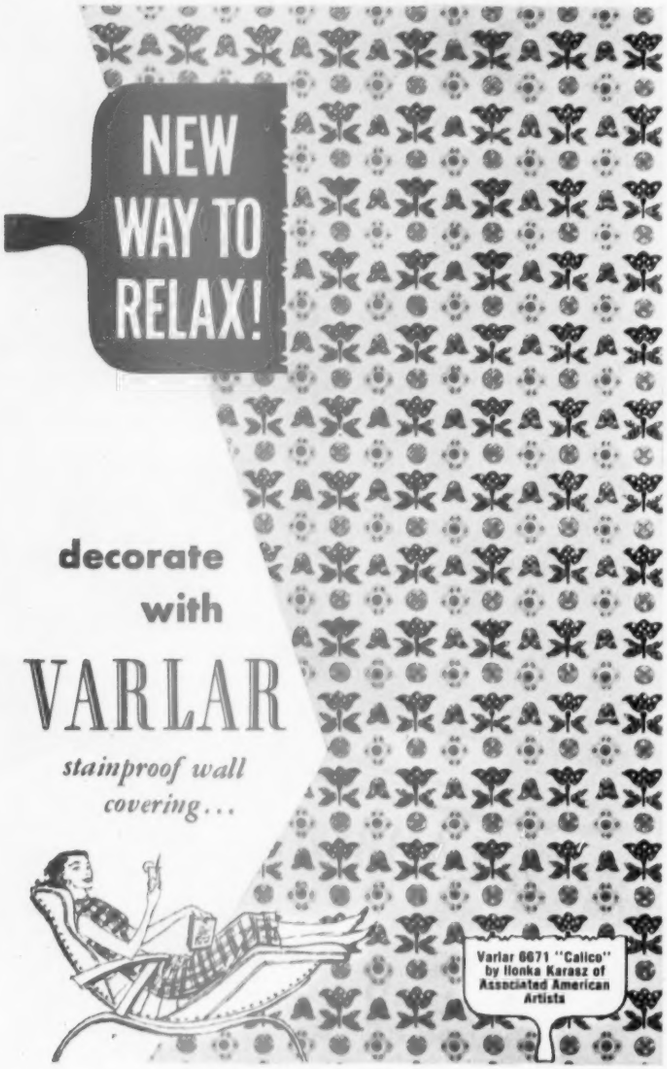

then redecorate year after year . . . actually up to 25,000 times . . . with plain soap and water . . . stains just disappear

Say goodbye to the fuss, muss and high cost of redecorating. Stains that ruin other wall finishes wash off miracle Varlar with plain soap and water. Grease, grime, smoke, food stains—even crayon, lip-stick, ink and Mercurochrome—and many more just disappear. With Varlar on your walls, you can take redecorating off your mind. And, look! Varlar is available in strikingly original styles to enhance every room in your home. For example, the one above is an exclusive design created for Varlar by Associated American Artists. Yes, for walls of enduring beauty that are a joy to live with year after year, decorate with Varlar . . . and relax. See for yourself . . . send for testing sample today!

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Merchandise Mart, Chicago 54, Illinois

Please send a FREE testing sample of Varlar Stainproof Wall Covering. I am particularly interested in:
☐ Kitchen ☐ Dining Room ☐ Living Room ☐ Game Room ☐ Nursery
☐ Hall ☐ Boy's Room ☐ Girl's Room ☐ Master Bedroom ☐ Bathroom

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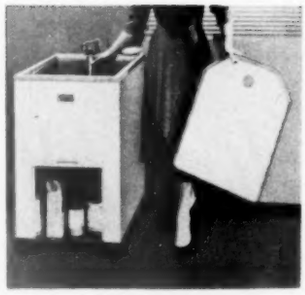
It's NEWS to me!

Begins on preceding page



Laundry tubs have been modernized. Here are two of the newest styles. Left: this tub has a pastel green, chipproof, glass fiber lining, a white, baked-enamel cabinet. Cover has an opening for laundry hose, and, when in place, gives you extra counter space. A special drain can be used to empty the automatic washer without removing clothes soaking in the tub. Lower storage compartment holds laundry preparations. *Duratub Laundry Tray*, about $44.40, in stores. E. L. Mustee and Sons, Inc., Dept 128, 6911 Lorain Ave., Cleveland 2, Ohio. Second laundry tub is a double-compartment tray on legs. Has white, vitreous-glazed finish inside and out. *Laundray*, can be obtained through your plumbing contractor. Richmond Radiator Co., 19 E. 47th St., New York, N.Y.

Timer turns electrical appliances on and off at a preset time day after day. You can set the timer to turn on your favorite TV program every day, or to start the coffeepot in the morning. Will switch off the electric fan at night in hot weather after you're asleep; in winter starts an electric heater before you get up. Timer has a manual switch so the daily schedule can be temporarily discontinued or the timer put to other uses. The electric connection of your appliance is plugged into the timer, and the timer cord goes to the house current. *Time-All*, $10.95, in stores. International Register Co., 2624 Washington Blvd., Chicago 12, Ill.

Loud-speaker for your telephone amplifies incoming voices. You can carry on a conversation without holding the phone. Leaves your hands free to write, handle papers, or keep on with your work while telephoning. You can speak in an ordinary voice and it will be picked up by your phone. Simply place your regular telephone handset on the cradle. No installing; just plug the amplifier into AC or DC electric outlet. *Simplo-phone*, $41.50, ppd. The Hill Co., Inc., 65 East 45th St., New York 17, N.Y.

Tapered roller has an edge guard that makes it easy to paint a straight line. Use it to work around light fixtures, wall plates, moldings, door trim, cabinets, where ceilings and adjacent walls join. Paint goes on without smear, as a plastic disc on one side shields roller from unpainted area. *Wooster Corner Trimr*, about $1.49, in stores. The Wooster Brush Co., Wooster, Ohio.

Streamlined greenhouse is precut for assembly on a masonry foundation. Designed to admit maximum sunlight, and catch the direct rays of winter sun. Sides are slightly slanted, and streamlined structural parts cast little shade. Greenhouse is automatically ventilated. Motors and the thermostat operate as weather varies to open and close sash. *Scotty Greenhouse*, about $500 for the 10'x17½' size. Lord & Burnham, Des Plaines, Ill.

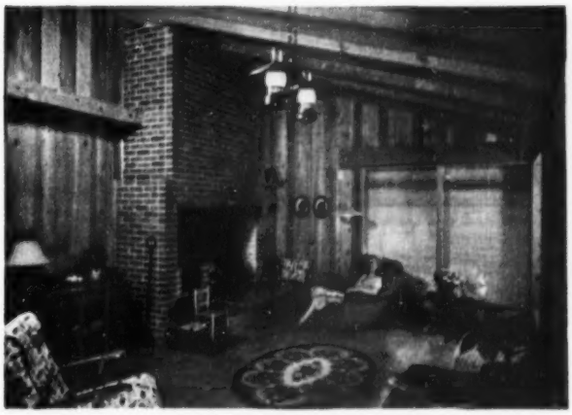
Van Evera Bailey, Architect, A.I.A.

Another beautiful home of West Coast Woods...

Truly Western in its feeling of friendly warmth, this attractive ranch style home portrays the pleasant, informal atmosphere which has become such an important part of today's family living.

Whatever your choice of home . . . modern ranch style, traditional, Cape Cod, or contemporary . . . you'll find it can be built beautifully with long-lasting West Coast woods. Adaptable to every architectural design, wood lends an individuality which will set your home apart from the commonplace.

So, for that new home you plan to build, *use wood* . . . West Coast Woods. Your retail lumber dealer will point out why it pays to select lumber from the four outstanding West Coast species . . . Douglas Fir, West Coast Hemlock, Western Red Cedar and Sitka Spruce.



Max P. Williams & Robert Martin, Architects A.I.A.

The informality of this den, with its walls of knotty Western Red Cedar, is enhanced by the exposed Douglas Fir beams of the vaulted ceiling.

WEST COAST WOODS } Douglas Fir, West Coast Hemlock, Western Red Cedar, Sitka Spruce

The economical building material from ever-growing forests

Lumber of Quality Produced by Members,

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UNDERSINK AND BASE CABINETS can be changed in a few minutes from shelves to drawers or to a combination of both that will provide perfect storage space to you. Shelves in wall cabinets are adjustable at one-inch intervals so as to store both large and small items conveniently.

A FOOD STORAGE CENTER like this with four sliding shelves is a must in any kitchen. Actually each of these shelves will hold 15 No. 2 cans. Think what a storage boon that is to any kitchen.

NEED DEEP DRAWERS? Just see how conveniently these two big, roomy nine-inch deep drawers fit into this cabinet. You'll find these jumbo drawers are a wonderful help in storing pots, pans, or vegetables.

For a kitchen that will stay modern and meet your changing needs, choose American-Standard

. . . and pay as little as $6.93 a week!*

THE *only* way to have a kitchen that keeps in step with your *changing* storage needs and working habits is to insist on an American-Standard kitchen. It is the *only* kitchen with shelf and drawer arrangements that you can change *at any time.*

Look at the combinations of drawers and sliding shelves illustrated—just a few of the many, many combinations available. Decide on the arrangement that you want *now.* And remember that at any time—next year or years from now—you can change the combination to meet your needs. Other important features of this ultra efficient kitchen are smooth, long wearing plastic counters; baked enamel finish on all-steel cabinets; sound deadened, snug fitting doors . . . and of course a famous American-Standard sink of rigid cast iron with a thick coating of acid-resisting enamel.

For your work-saving kitchen, look up your American-Standard retailer. You will find him listed under "plumbing fixtures" or "plumbing supplies" in the yellow pages of your telephone book. Be sure to ask him about easy payment terms. Or for a booklet of kitchen ideas, fill out and mail the coupon. **American Radiator & Standard Sanitary Corp.,** Pittsburgh 30, Pennsylvania.

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This is the house you asked for

By John Normile and Jim Riggs

"Your terrace and garden are the center of summer living and should be shared from indoors"

"Modern materials are easy on the eyes, easy on the upkeep"

"Space used only for occasional dining is wasted space at the present cost of building"

"Design should simply point up the interesting living indoors"

"Who says that second bathroom is a luxury? It's an absolute necessity for homes with children"

"Laundry equipment must be handy to kitchen but not a part of it"

"Privacy is also an intrafamily need. Give quiet relaxers a place to get away from noisy fun"

"Bedrooms for youngsters should include study and play space"

For a report on the reader debate which launched this project, see page 37

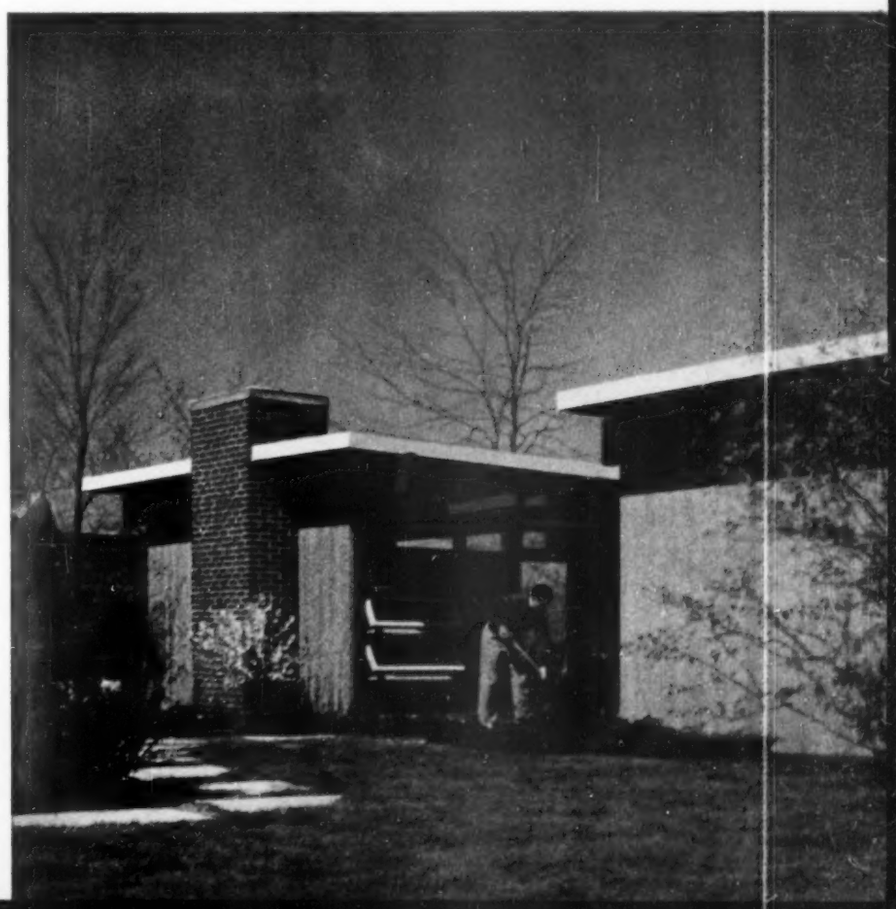
The house on these pages owes much to people like you—people whose grasp of a house is human rather than professional, who draw from daily experience rather than textbooks, who are moved by the simple desire to live better.

Some features of this house may seem advanced. Indeed they are, but this is not the reason why these features are included. The families who supplied the hard and happy facts behind Five Star Home No. 2309 were no more influenced by *trends*, as such, than are the editors of *Better Homes & Gardens*.

The house has meaning, too, for you who will continue to live in older houses. Ideas for built-ins, new wall treatments, ways to get wonderful outdoor living on a small lot, how to make the most of service, comfort, or entertainment equipment.

No, this isn't a *trend* house. Nor is it a house to end all discussion on what a house should be. The very thing that makes it significant—an honest evaluation of today's materials, tools, ideas—will, another day, bring a changing Readers' Choice house.

Turn page for more on Readers' Choice house →



This is the house you asked for

Continued

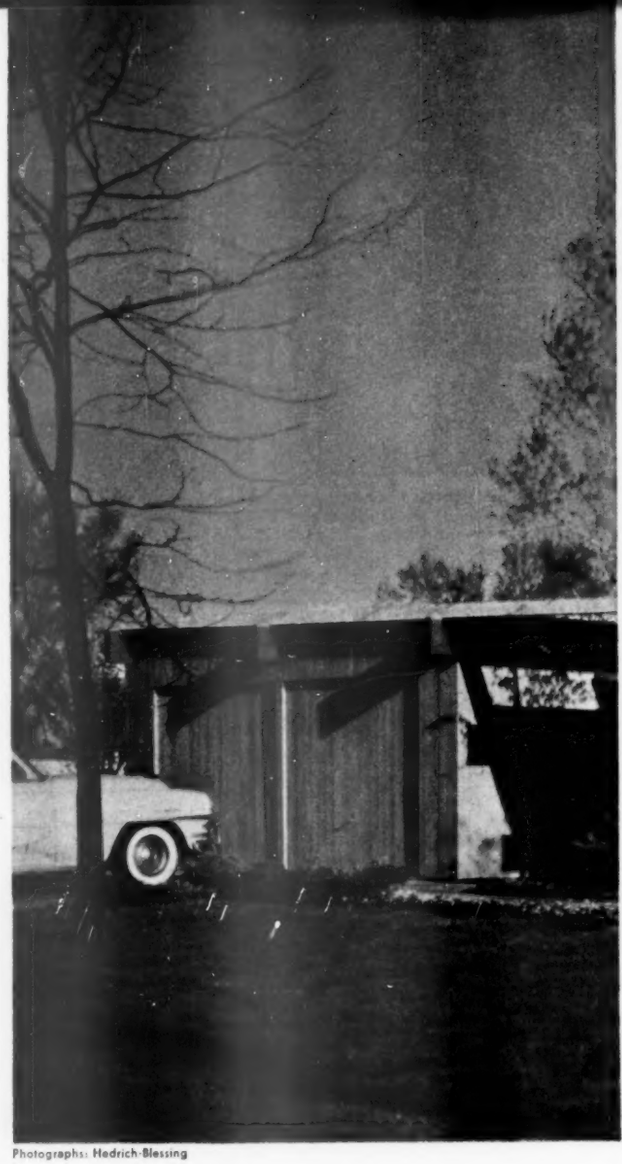
And so this is Five Star Home No. 2309—a beautiful and practical frame for today's good living. On page 37, we've described our readers' part in stimulating this house, particularly those readers who joined an exhaustive panel discussion in Chicago on the features today's family home should include. Yet this isn't the whole story. Though their living needs were spelled out to the letter, it remained for men in the business, progressive men, to translate these into a workable design.

Credit here goes to Architects Buderus and Siegwart; also to 40 builders who have made the house a reality across the country—as a part of National Home Month. (See page 270 for list of cities where you can visit a Readers' Choice house.)

Outstanding features are many, but the one you're apt to spot first is the remarkable way that living, service, sleeping areas are set apart in this one-floor plan. The separation was handled with something of a bow to the past. Architects took what one usually finds on the top floor of a two-story house—bedrooms, bathrooms, dressing areas—and, keeping them as just one unit, brought these activities down to ground level.

This explains the "H" shape of the plan, and was solution enough for the Chicago panel member who thought her desired separation of bedrooms could come only in a two-story house. She won't miss climbing stairs 20 times a day, either!

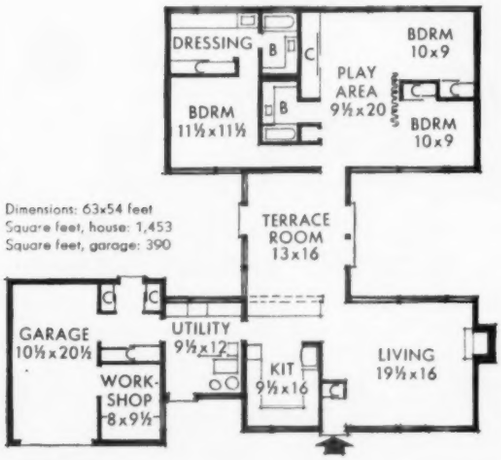
But a house with two unconnected parts wouldn't do. How could these be related? Architects answered with the "terrace room"—one of the most delightfully logical areas of the house. This 13x16 area—with sliding glass walls [*Turn to page 68*



Photographs: Hedrich-Blessing

Terrace room bridges living and sleeping wings, is entertainment center of house. Sliding glass walls open to garden enclosed by house, fence

Our panel of homeowners brought out that a house should look the way it lives — and so the design is easy, colorful, friendly. This is the streetside of house

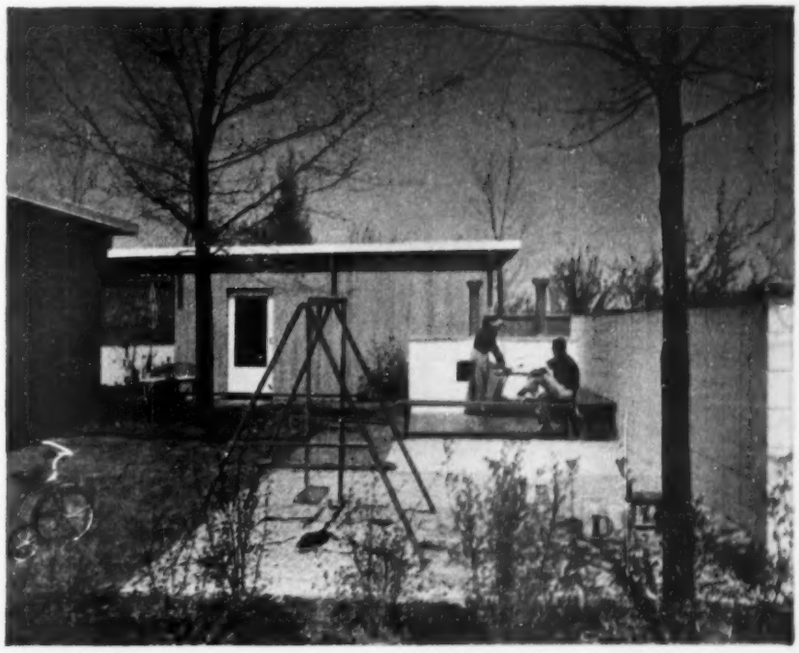


You can buy plans for this or any other *Better Homes & Gardens* Five Star home.

®

See page 264

Architects: Brooks Buderus, Gerald A. Siegwart.
Builder: Trude Land Development Company.
Decorator: Tomas of John M. Smyth Company.
Landscape Designer: William Dean.
Plantings by: Clavey Ravina Nurseries.



You're looking here from rear of the house to the well-guarded terrace and playground area. A barbecue, sandbox, and graveled area for swings offer attractions for all members of the family. Door in background leads to garage and is handy to point of storage for garden and lawn tools

This is the house you asked for *Continued*

facing the garden on one side, the terrace and playground on the other—serves as a *bridge* to connect the two wings.

To give its space a still greater use, the terrace room also handles dining. Glass between it and kitchen slides to form a pass-through, and there's a family eating counter on the kitchen side to be the serving relay point when you're dining out in the terrace room.

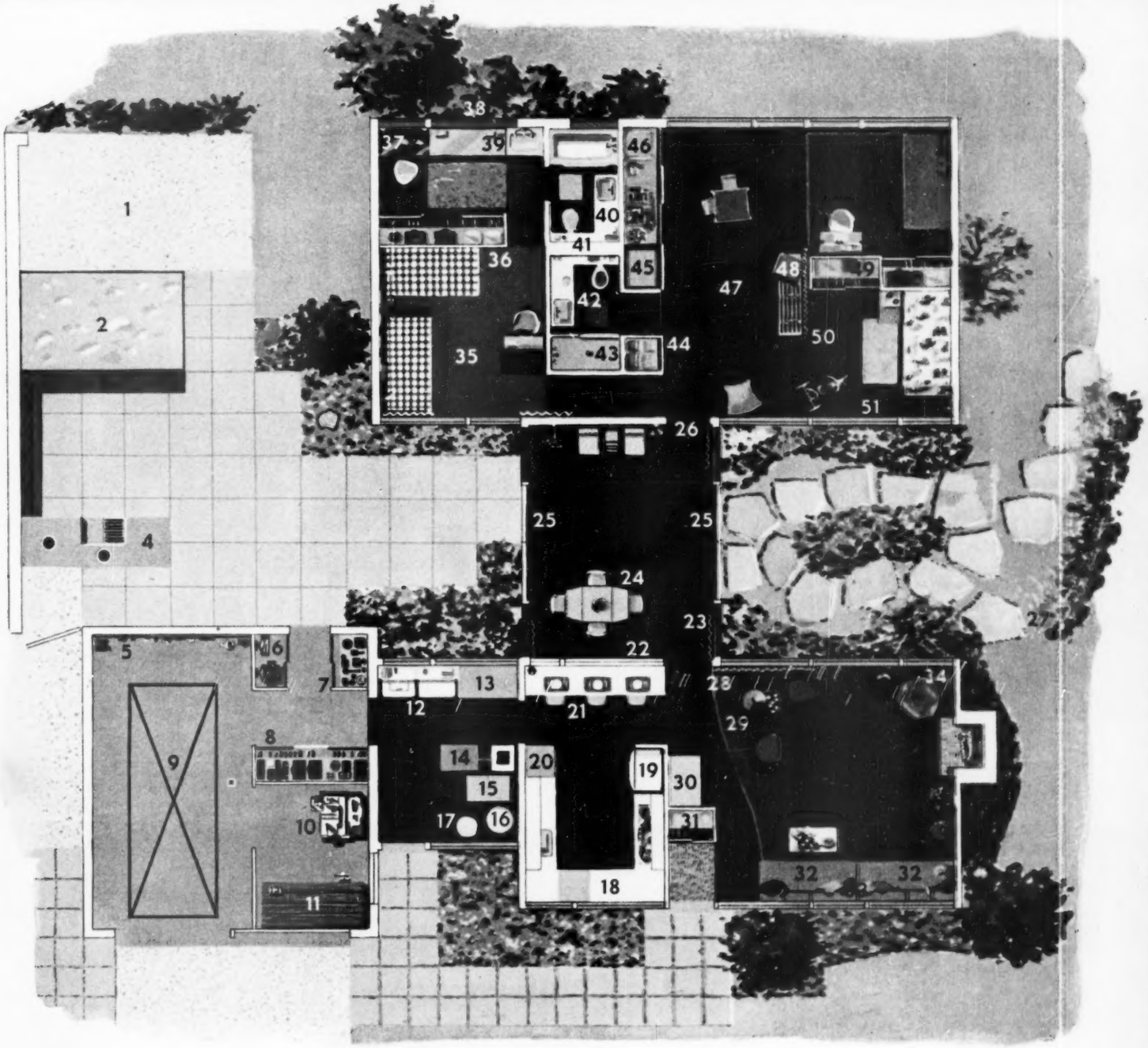
The terrace room is just the place, too, for an afternoon of bridge. Or for an evening of dancing and informal fun with friends. There's no doubt about it: This meaningful link between the main areas of the house is also the entertainment center of Five Star No. 2309. And it's built and heated to perform year round.

Other research on the moderate-size house shows our Chicago discussion group went along with the majority in rejecting the "special" dining room. Most readers want some separation of dining from kitchen and living room, but for practical reasons favor an area where table and chairs can be pushed aside to make way for other activities. Formal entertaining at home just isn't done as often as it once was.

Such straightforward thinking has produced the same sort of house overall. Take the business [*Turn to page 70*

Glass wall of living room shares garden beauty. Drapery is in one section and pulls to side pictured so it won't block awning-type window at right. Another hinged panel is above nonmovable glass. Light over table adjusts to any height

Perforated hardboard on streetside offers versatile decorating. Note harmony of materials: cypress paneling and roof framing, fireplace and redwood beams



Study this plan to see the wonderful living contained in Five Star Home No. 2309

TERRACE AND PLAYGROUND

1 Gravel area for playground equipment
2 Sandbox
3 Bench
4 Barbecue

GARAGE

5 Panel for rake, hoe, light tools
6 Storage for bulky garden equipment
7 Shelves for pots, buckets, plant food
8 Off-season-clothing storage
9 Automobile
10 Multipurpose power tool
11 Workbench

UTILITY

12 Planned space for washer, dryer
13 Closet for laundry, cleaning supplies
14 Heating plant
15 Air-conditioning unit
16 Hot water
17 Water softener

KITCHEN

18 Work counter with window above
19 Refrigerator set flush with counter
20 Built-in oven
21 Family eating and serving counter
22 Sliding glass creates pass-through

TERRACE ROOM

23 Traverse matchstick blinds
24 Dining area
25 Glass doors open to garden, terrace
26 Door here closes off sleeping wing
27 Fence for privacy

LIVING

28 Draperies for sun control, privacy
29 Hanging light adjusts in height
30 Built-in TV, radio, phonograph
31 Coats and hats go here
32 Dual-purpose sofas sleep guests
33 Perforated hardboard for wall treatments
34 Awning-type windows afford ventilation

PARENTS' BEDROOM

35 Carpeted for comfort, sound control
36 Wardrobe opens to dressing area
37 Vanity mirror
38 High windows assure privacy
39 Lavatory with dressing counter

BATHROOMS

40 Lavatory, counter, mirror
41 Medicine chest full width of room
42 Glass bubble in ceiling for light
43 Shower compartment
44 Linen closet

CHILDREN'S SLEEP AND PLAY AREA

45 Second heating, air-conditioning unit
46 Enclosed shelves for luggage, toys
47 Daytime-activities space with bedrooms
48 Good spot for second television
49 Wardrobes open to each sleeping area
50 Folding screen for quiet, privacy
51 Roll-type blinds stop glare

This is the house you asked for *Continued*

Our readers spoke for study and play space with children's bedrooms, and so this 10x20 area that can be closed off from sleeping quarters by wooden traverse dividers. Entire wall in background is glass—fixed and ventilating

of *design*. The professional is concerned with *line*, *mass*, *scale*, *perspective*—terms valuable to him in coming up with a home that's artistically true. The layman is no less desirous of a handsome result, but he can't see breaking the subject of beauty into such fine points. It left a problem. How would our panel of typical homeowners talk *design?* And how in the world could you hope to reach agreement on a subject that's so intangible, so personal?

Our editors were in for a surprise. When the discussion got around to how the house should look, these sensible people answered: *the way it lives!* Design should reflect the kind of house within. They wanted an arrangement of actitivites that was relaxed and uncomplicated—so the design ought to echo that feeling. Similarly, the colorful experience of living in this house should be signaled by large areas of color, outside and inside. And just as a warm [*Turn to page 258*

You're in the living room—looking across the delightful terrace room to playground beyond. Family eating bar doubles as serving counter (glass between it and dining table slides for pass-through)

Camera is outside window for this view of compact, U-shaped kitchen. Colorful materials overcome clinical coldness of usual work center. Oven is built in at far left, refrigerator is recessed directly opposite

Bamboo roll shades are new and smart looking, ideal for large modern windows. They come in hand-woven designs as well as in natural, which can be painted. Highly durable, they filter light without stopping air. Porch is sketched from the Five Star home plan on page 67

Let your windows spread wide in a friendly fashion. If they're small, make them look bigger—if they're large, play them up! Here are

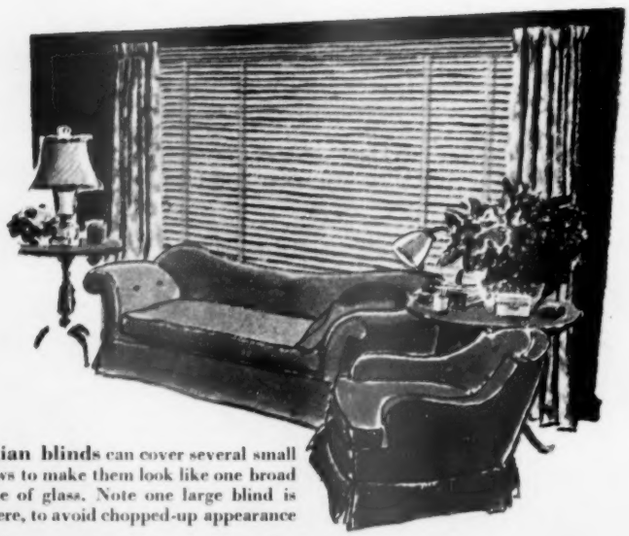
Six ways to big-window beauty!

By Dorothy Miller

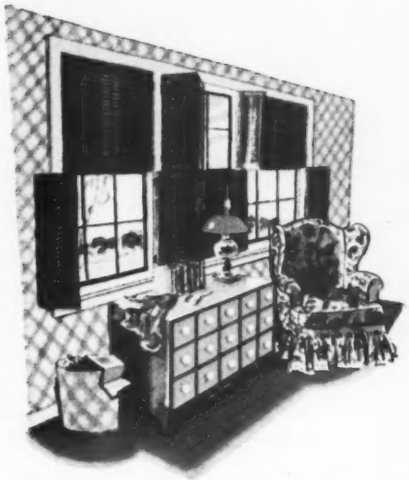
Your windows hold the magic key to your decorating scheme. Treat them right and they'll spark any room—cover them without care and they'll ruin the looks of an entire room. But, luckily, you can do more to change the appearance of your windows—and often at less cost—than any other single feature of your house!

Give small windows a larger look by extending curtains or draperies beyond windows on either side. Or cover an entire wall to make several small windows look like part of a luxurious window wall. If you're blessed with large windows, point them up with dramatic, eyecatching treatments.

Today's market gives you a dazzling array of window coverings from which to choose—in a wide variety of styles, materials, and colors. For whatever price you want to pay, you can find a practical treatment to give your windows more importance, more beauty.



Venetian blinds can cover several small windows to make them look like one broad expanse of glass. Note one large blind is used here, to avoid chopped-up appearance



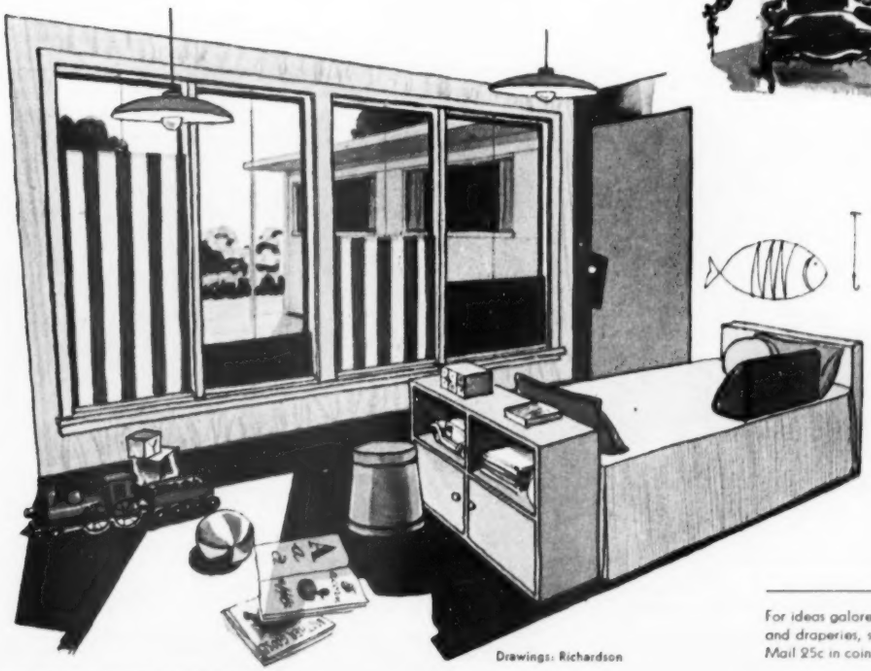
Wood shutters with movable slats add importance and rustic charm to your rooms.

Custom-made to fit your windows, they'll give you many years of fine service. They're ideal for controlling privacy, light, and air. Use them with or without draperies. Or shutter just the bottom half of your windows, hang curtains above.

Curtains can do wonders for your windows—even on smallest of budgets. Many penny-wise fabrics available today make smart and practical window coverings. Try tying together several windows into a "window wall" with tiered curtains running the length of room. Use material heavy enough to hide wall between. Sheer curtains are pretty for a solid row of windows. For spice, try matching valance to the lower tier, using a contrasting color for the middle tier

Traverse draperies are dramatic for big windows, good camouflage for small ones. Hang them from ceiling to floor for a luxurious look; extend them on either side of windows if you want to "enlarge" windows.

To give short windows a ceiling-high look, hang a valance to hide wall above. Line draperies to avoid fading.



Roller shades are an inexpensive way to play up your windows—colorful and practical for youngsters' rooms, a recreation room, kitchen, or bath.

You'll find a wide variety in price and quality. Some are gaily patterned on the inside, white on the outside. Most are washable, many have new rough textures. They're smart with or without curtains.

Drawings: Richardson

For ideas galore to give your windows new beauty—plus directions for making curtains and draperies, send for the Better Homes & Gardens Well-dressed Windows booklet. Mail 25c in coin or stamps to 7409 Meredith Bldg., 1716 Locust St., Des Moines 3, Iowa

Lakes—lots of them, including shore lines on two of the Great Lakes, Michigan and Superior—that's Wisconsin! Add them all up, and you get a family vacation hard to beat for fishing, swimming, and boating. Most of the state parks are equipped for camping

The lake country is full of camping sites with good facilities. One of the finest is Potawatomi State Park, on Sturgeon Bay, where this Kansas family is enjoying a meal cooked over their campfire

You'll enjoy a grand tour of

WISCONSIN

There are lots of things to see and do—from the sporting thrills of the lake country to the scenic wonders of The Dells

By Henry and Vera Bradshaw

Enter tour wherever convenient. Red dots indicate larger cities

Jean Nicolet, the first white man to set foot in Wisconsin, was in for a surprise when he landed on the Red Banks near Green Bay more than 300 years ago. He thought he had found Asia and came dressed in the elegant robes of a Chinese. You're in for surprises, too, if this is your first complete tour of Wisconsin.

Quaint, old-fashioned peninsula towns like Ephraim, Egg Harbor, and Sister Bay up in Door County have all the charm of New England coastal villages; there's a bit of Switzerland in southern Wisconsin's rolling green hills and great herds of gently moving Holsteins; there's rugged beauty and solitude in the primitive northern areas, where the tall pines grow thick and provide shelter for bear and deer; State 35, turning and twisting with the Mississippi River for 200 miles, is Wisconsin's counterpart of Oregon's famous Columbia River Highway.

Roads are excellent—you needn't be afraid of exploring side roads. There are 8,676 lakes, 10,000 miles of spring-fed trout streams, and 500 miles of Great Lakes' shore line. Tangle with a musky, haul in more dependable lunker crappies, or charter a boat and go "deep-sea" fishing.

Have you ever attended a "fish boil"? Visited a real Swiss embroidery factory? Crossed Death's Door Strait? Explored the subterranean regions of dazzling caves? Attended Indian tribal dances? That's only part of what's in store for you. [*Turn to page 297*

Winnebago Indians from a nearby reservation perform a ceremonial nightly in The Dells, one of the best-known tourist attractions in the country. You can view rock formations from boats

Along Wisconsin's Lake Superior and Lake Michigan shore lines, you'll see little fishing villages similar to Cornucopia, located on State 13 in the Bayfield area

If you reach Fish Creek when the Community Church is sponsoring a "fish boil," you'll see flames leap high around huge cauldrons of lake trout and potatoes

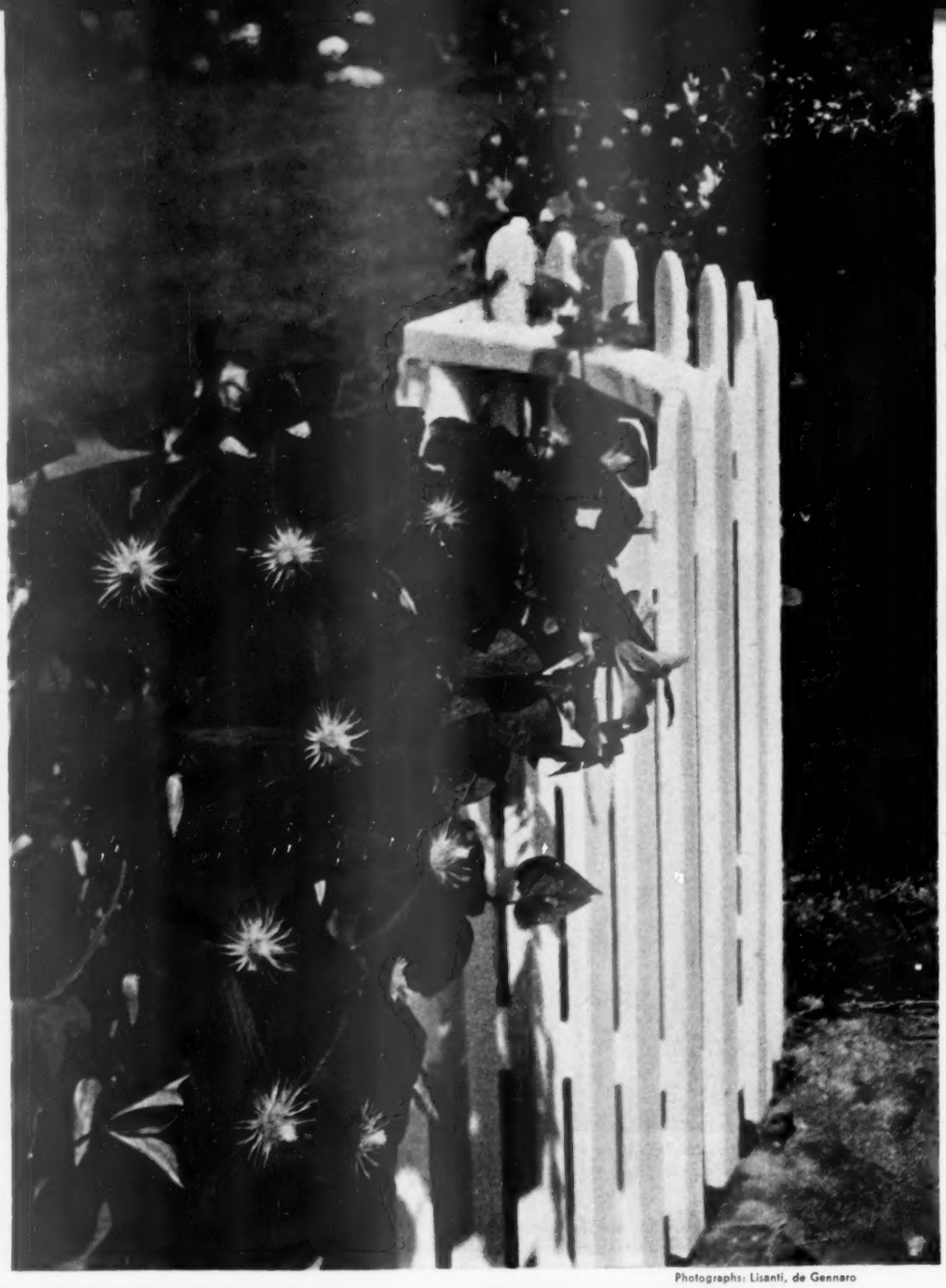
Visit "Nissedahle—valley of the elves," near Mount Horeb. A Norwegian homestead has been preserved, plus other buildings, all furnished with Norse antiques

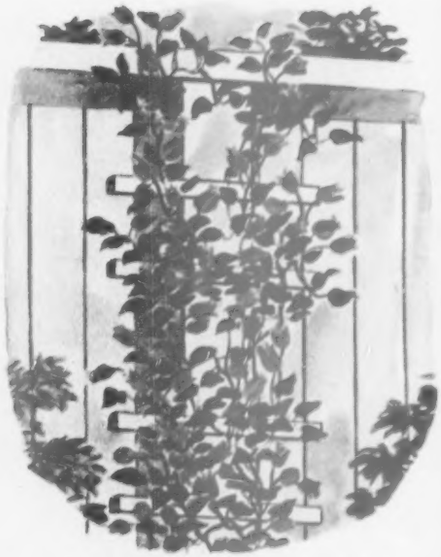
Many cheese factories—like this one in Darlington, where Swiss cheese is made by Swiss workers—welcome tourists

Photographs: Bradshaw

Showy all summer are the clematis with large flowers. Vines may be kept as open as you like because flowers come on both older stems and ones made current season.

Colors are white, dusky red, lavender-blue, and—best known—the purple Jackman clematis here shown in the Bumpus garden in Duxbury, Massachusetts.





Graceful tracery studded with little fat bells or pitcher-shaped flowers of a bright coral red—that's the dainty Scarlet Texas clematis.

Roots are hardy in New England and new shoots sprout and produce flowers quickly even after winters when parts above soil freeze back.

Photographs: Lisanti, de Gennaro

Drawings: Tabea Hoffman

Bushy and bright from June on is the hardy and adaptable trumpetvine. It is easily kept in bounds by spring pruning and is prickle-free.

The woody stems need support if it's to climb. Doylestown, Pennsylvania.

Cover for a wall grows quickly when you plant Silverfleece vine, a vigorous twiner. Bright green foliage is almost dense enough to turn water. Can be easily pruned.

August sees the first of billowy masses of white and green flowers—the "silver fleece."

The best hardy flowering vines

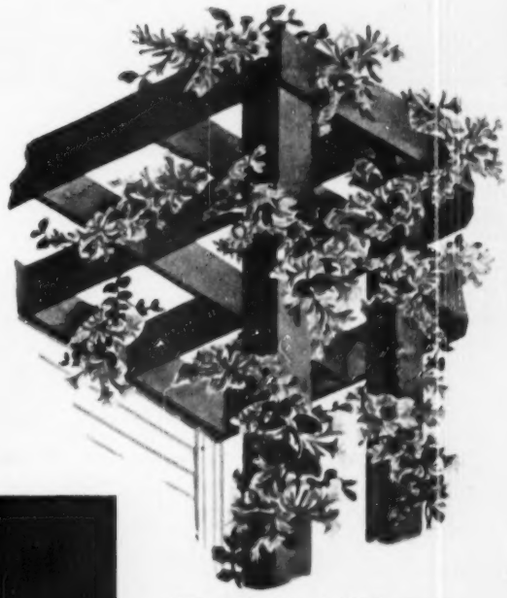
By Fleeta Brownell Woodroffe

For you, the best hardy flowering vine may be one that gives you shade, or a green and flowery covering for an entire wall. Perhaps you want color to perk up the doorway of your home. Or you may want a vine to soften but not hide the stark corner of a new porch. For you, the best is the one that gives you what you want.

If it's to go on a white fence you freshen up often, consider the several large-flowered clematis which come back and bloom quickly after being cut down. Or, think seriously about the stocky trumpetcreeper which can be trimmed in bush form and needs only slight support.

Sweet Autumn clematis will climb, or it will cover a rough bank delightfully and quickly for you.

You'll get effects sooner from these vines than from most shrubs and trees. Choose now—set your new vines next spring.



High-climbing is the Trumpet honeysuckle which manages to offer tip clusters of scarlet, doll-size trumpets from mid-June on through late August.

Foliage is evergreen through the Southern states but not throughout the North.

Vine climbs by twining stems about any available support. It is smooth, clean, and pretty, well along into the fall.

Long tassels in early spring make the robust wisterias valuable. You can grow white, lavender-blue, or violet-flowered varieties.

This is the White Chinese wisteria, as grown on tall redwood fence at Clarence Wylie home, Ojai.

Vines are winter hardy in North and very vigorous. For best display, allow vine to reach eaves. After that, remove new base growth, and each summer prune all side branches back to two leaves each.

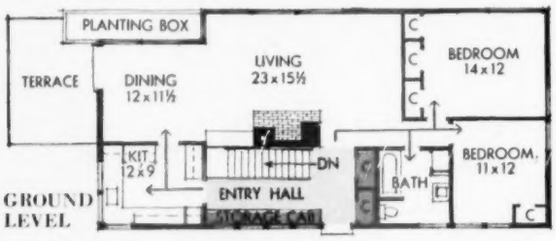
More vines on page 302

High, open living room has tree-top intimacy with nature. Redwood ceiling follows line of the gable roof. Windows alternate with stationary and ventilating glass. Draperies open so glass area is fully exposed for view of Minnesota countryside. The shelves for books and records are adjustable

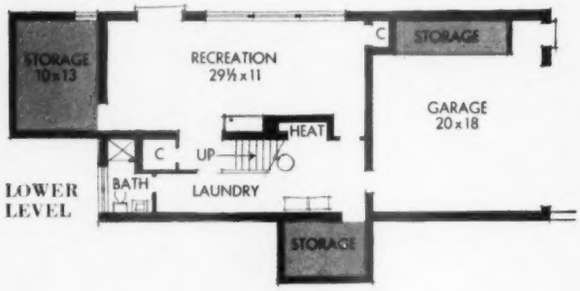
Brick fireplace is dramatic in scale and balance with other materials in room — glass, plaster, redwood. Cove for ceiling-height lighting breaks solid mass of brick

Photographs: Reynolds, Photography, Inc.

Eating is a pleasant necessity in any home, but where you eat is not always this well located — opening directly to upper-level terrace (see bottom picture on opposite page). Terrace is handy for summer dining



From entry, traffic lanes take you directly to living, sleeping, or eating areas, or to lower level. Living room never has to double as a corridor. And storage is well handled, too. Red areas show storage in addition to usual closet space — in entry hall, lower level, and garage



By floor plan, by design, by location . . .

It's built into its setting

Many fine paintings use a background of nature to give perspective and framing to their center of interest. In this same way, a house should capitalize on its setting—as does this home near Minneapolis, Minnesota.

A combination of natural materials and indoor-to-outdoor openness makes this house unusually suitable to the rugged evergreen and maple woodland that surrounds it.

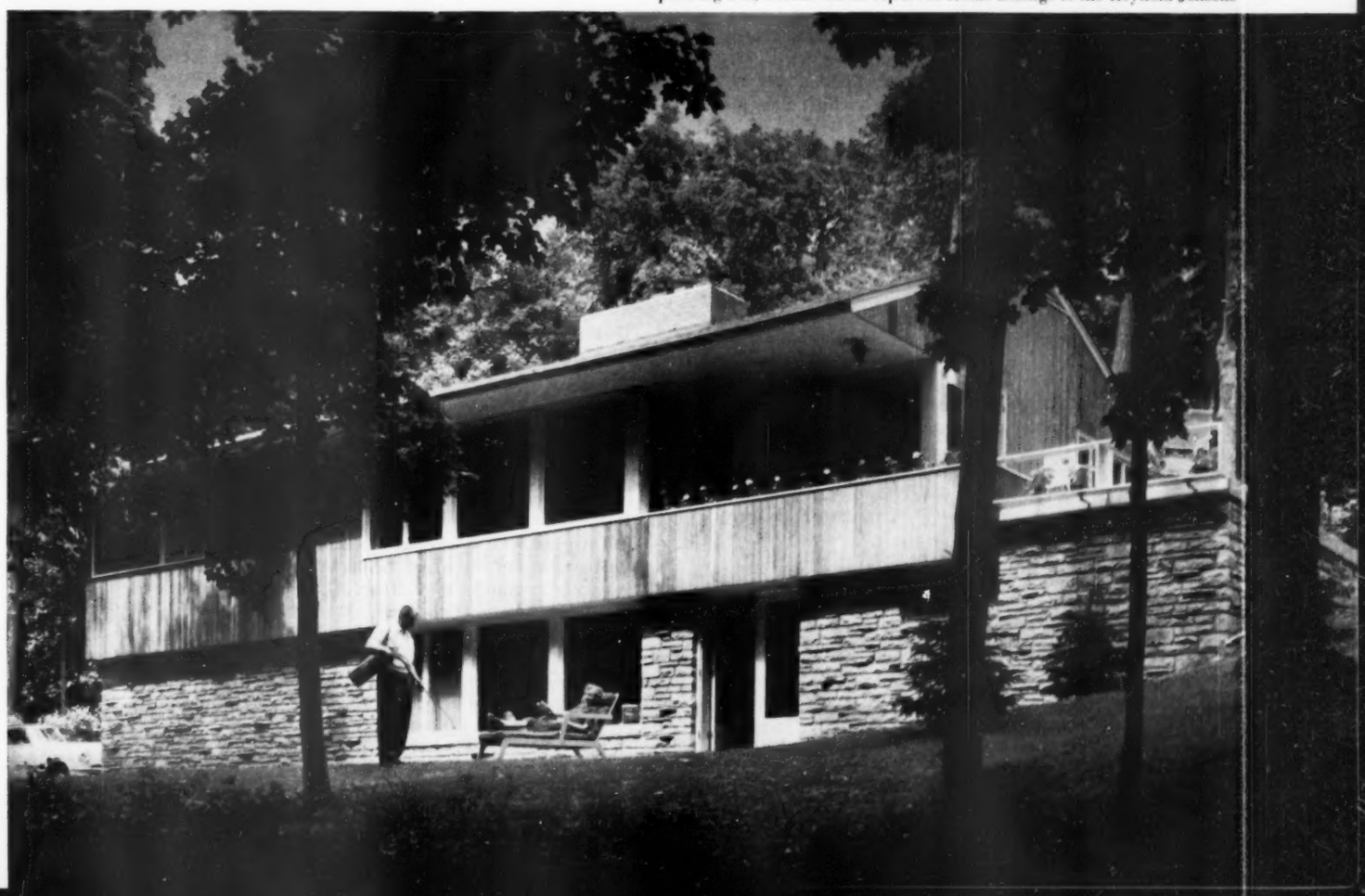
Architects Thorshov and Cerny of Minneapolis emphasized crisp, clean design on the front of the house. On the rear, the sloping lot called for greater freedom of design and planning. There were no limits on view, on space, on openness.

Important, too, is the absence of fussy detailing—inside as well as outside the house. Framing, molding, and built-ins are free of frills.

More on page 203

On entrance side, clean design as well as redwood siding helps relate this ↑ home to its wooded setting. Crisp simplicity of one-level view of house is varied by the canopied entrance, border planting, and wide roof overhang

Terrace and main living areas of house face rear woodland view. Natural materials, stone and wood siding, are handsomely combined. Big windows, planting box, terrace are on top level. Home belongs to the Reynold Jensens



What can you do about

Your heating plant?

Whether your home is old or new, you'll want to know about continuing improvements for heating comfort. Read here about better ideas for tomorrow's heating—no matter how you heat today

By Jackson Hand

The Smiths live in a brand new, modern home, with the newest type of heating plant. Last winter, John Smith installed a radiant glass panel in the bathroom—for that little extra boost of comfort on chilly mornings.

The Browns live in a big old house. They're remodeling. There was a coal shovel leaning against the basement wall when the Browns moved in. Last summer Bill Brown called in the heating people to convert his old coal shovel into a modern, automatic heating system.

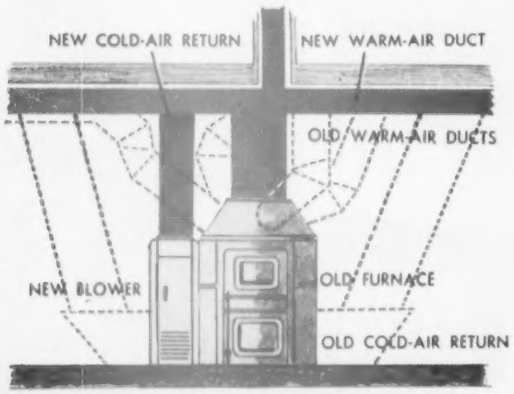
The Smiths had a "perfect heating plant." They improved it. The Browns had a hopeless mess in in the basement. They modernized it from scratch.

Somewhere between their two dissimilar problems lie the heating headaches that plague most of us. Everyone has a heating plant. Everyone's *could* be improved, and there's no doubt that a great many of them *should* be. Yours?

Let's look at some of the possibilities and see which of them applies in your own case . . .

"We've got an old hand-fired furnace. What can we do?"

You can, if you want, end up with a highly efficient, totally automatic system. The simplest step is to put in a stoker. They have them now which take your fuel straight from a dust-tight coalbin into the furnace. Dustless, painless, automatic. In some cases, not even "de-clinkering" is necessary, and they remove their own ashes.



More basement space is an important by-product when you remodel your heating plant. Huge, head-bumping ducts (dotted red lines) and space-stealing air returns (dotted blue lines) become up-out-of-the-way ductwork (solid blue and red) when you add a blower

Or, if you wish, you can convert to gas or oil. Set up an arrangement with the fuel-oil company to keep your tank filled, and you never have to think about the furnace again, except for its annual cleaning.

Of course, you've still got the old furnace—and it may or may not be an efficient heat manufacturer. So, the next phase might be one of those compact, sleek furnaces that take up about the same amount of space as a mechanical refrigerator. They burn coal, oil, or gas and produce more heat than their monstrous ancestors ever did. These new furnaces respond like robots to the directions of a thermostat—and they can regulate humidity to the exact amount you need for health and comfort.

There are even furnaces—if you're interested in reclaiming all the space your basement owes you—that are about the size of a steamer trunk, yet they deliver an adequate houseful of heat through small, easily installed ducts.

With any standard blower-model furnace—or with an auxiliary blower—you can get rid of all those barrel-size ducts that steal your basement headroom. They can be replaced by snug-fitting rectangular ductwork—some of it running between joists, entirely out of your way. With the new ideas in blower operation, the big old ducts can also give way to small, round sheet-metal tubing that is only about 4 inches in diameter. They carry upstairs all the heat you need, and they're so easy to install you can do it yourself.

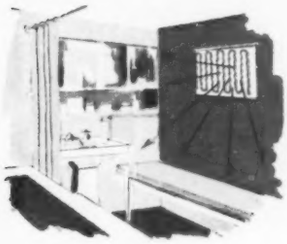
Thus—more and more of the basement becomes yours. Maybe there's room now for a workshop—or a game room—or a laundry so pleasant that it's fun to do the ironing down there.

"We'd like to get the furnace out of the basement. Can it be done?"

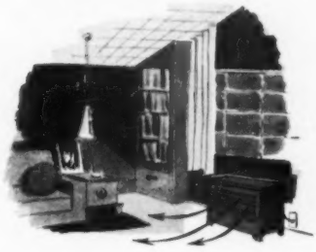
Easily. There are furnaces on the market today that can fit into closets, utility rooms, the attic—even between studs in the average wall. The age-old need for locating a furnace in the basement ended when the blower systems came along. In days of Gargantua the Clinker Maker, furnaces went in the basement because folks hadn't figured out how to handle coal with neatness and cleanliness. Besides, the heat had to be generated as low down as possible in order to give it a good run upward in the old gravity system based on the principle that heated air rises.

But in these days, a furnace can be located in almost any available nook or cranny of the upstairs. Your heating and ventilating dealer can show you dozens of ways to do it that give an efficient, safe system at reasonable cost.

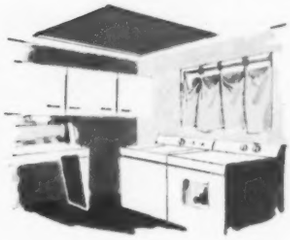
Shot-in-the-arm heating for problem rooms



Take off the chill in an early-morning bathroom with one of the new ideas in radiant heaters. This one has wire-heating element molded in glass, is one of many new types



Attic bedroom becomes a livable guest room—or family quarters—with one of the small, attractive heaters that burn gas, electricity, or oil, spreading warmth with a fan



A radiant panel of thin rubber material provides shot in the arm for a utility room—workshop—or any other room needing it. Like all heat boosters, installation is simple

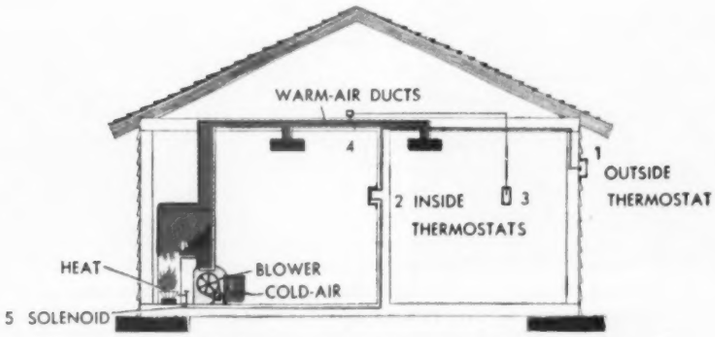
Furnaces are just as easy to bring upstairs, nowadays, as is the gleaming, kitcheny-white, magically automatic laundry.

"Our heating plant's O.K.—but how can we improve the looks of our registers?"

You've got a new furnace—but the same old registers upstairs. It happens all the time. There are lots of things you can do about it . . . some of which should rightfully have been done when the new furnace and ducts were put in.

The modern hot-air register is a far cry from the yawning cast-iron maw of yesteryear. Smaller and attractively designed, today's hot-air outlets *diffuse and direct* the movement of air. Not always from baseboard position, either, for the new thinking in hot-air heating includes delivery of the air at ceiling level. Gone are those rivers of heat and eddies of cold that divided old-time living rooms into areas so hot you couldn't breathe—and other areas so drafty they gave you an actual pain in the neck. With better planning in register location, with diffusers and air directors, your hot-air system can be smoothed out to give you the amount of heat you want—when you want it—where you want it—all under automatic control.

As a matter of interest, some of the furnace-improvement methods utilizing modern register-diffuser placement ideas, make use of old warm-air registers as air-return openings. Saves money—saves on the need for lots of replastering and repainting.



Thermostats team up to keep temperatures level—to give choice of temperatures in different rooms. Outside stat (1) watches weather, while others (2, 3) regulate the heat indoors. All tell solenoids (4, 5) how high the flame should be, or how wide to open the duct baffles

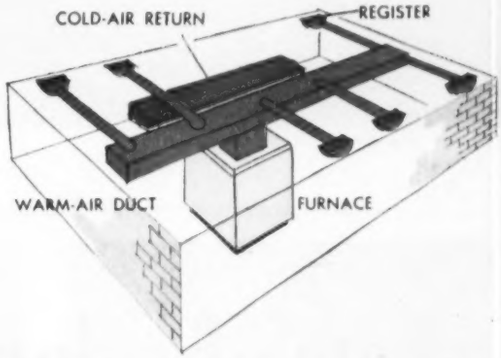
"Is there any route to radiant heat from our regular hot-air furnace?"

There is—and it is not a complicated or overly expensive route, either. If an entire ceiling or floor is utilized as a panel, hot air produces excellent radiant heat.

In days of somewhat yore, there was a tendency to build houses with too-high ceilings. Some remodelers today even drop ceilings for purely aesthetic reasons—as well as to reduce the cubic footage of space that must be heated. If you fur down the ceiling with 2x4s and then apply a new surface (of plasterboard, lath and plaster, or other material of good heat conductivity) you can create a serpentine duct, through which the heated air passes. It warms this new ceiling . . . and it warms the house with the wonderful comfort of radiant heat which keeps you warm, but doesn't feel hot or stuffy. The problems of making the air ducts airtight and of insulating against heat going in unwanted directions are simple to overcome.

Essentially similar results can be obtained, too, by furring up the floor, so that the serpentine ducts can go beneath it. Heated air moves from the furnace, then through this continuous duct, back to it for reheating and recirculation. Of course, both these methods presuppose a ceiling height that will stand for lowering by about 5 inches. It's a safe architectural guess, in modern thinking, that you wouldn't mind giving up the 5 inches or so if your ceiling is now 8 feet or more high.

A considerable factor, incidentally, in deciding whether to lower the ceiling or raise the floor is the resulting differences in levels if you decide on warm-air radiant heat for only a room or two. Owing to partitions between rooms, there is usually no problem with ceilings. With floors, the different levels could be objectionable—although not necessarily so, since slight variations in floor level are common in architectural design.



Perimeter heating systems take the logical stand that houses are best warmed by intercepting the cold at the outside walls—before it gets into the house. Typical system shown delivers warm air to outside walls—particularly beneath windows, where much cold enters

"Could our warm-air plant be remodeled into a perimeter system?"

Yes, indeed—and economically, too. The problem is merely one of relocating register-diffusers so that they discharge warmed air into the room at those points where the heat loss is greatest—instead of the old-thinking method of bringing in the heat on interior walls. Perimeter heat is based on the sound and understandable idea that if you intercept the cold as it enters the house through outside walls and windows, the rest of the house can't get cold. Consequently, in perimeter systems, the [*Turn to page 222*

Lots of color in a small space

All this is possible in 37x23 feet. Only common materials are used. Plan calls for no expensive moving of soil. Showcase of flowers is pretty all summer. You sit here in comfort

By Leslie MacRae

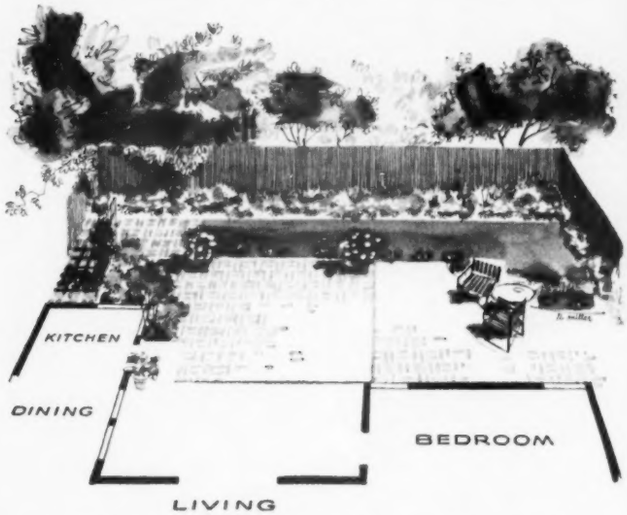
You see here what you can do with a small strip of land outside your back door. Or maybe along the side of your house. Once it's planned, planted, and the paving laid down, there's surprisingly little to do.

V. Saunders of Los Angeles, designer and owner of this homey, gay little spot, planned deliberately for easy upkeep. Everything washes clean under the spray of the garden hose. There's no grass to trim. You can lounge here in shorts if you like. No one sees you. And there's sun or shade as you prefer.

Note the trick of raising the flower border. Every posy can be seen. Note the lattice that shuts off the delivery door, the necessary but unbeautiful garbage cans, and the dog run.

See how easy it is to carry your food outside and eat in this little private paradise tucked safe inside its tall screen.

Living room now reaches to the lot line



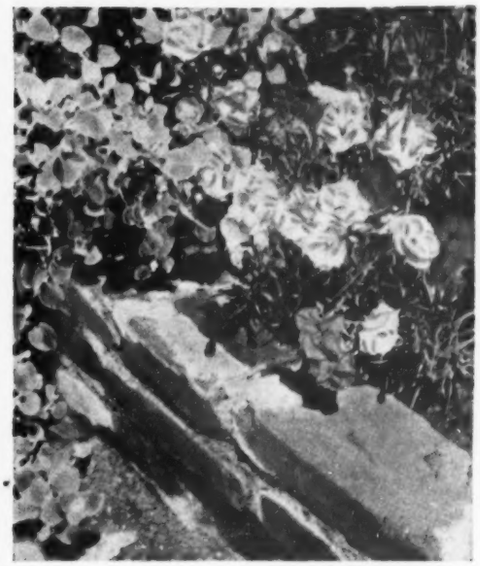
You see in this drawing how much has been packed into this strip across the back of an ordinary 50-foot lot. Four rooms look out on it — an inexpensive way to get more living space

Being so close, tops of fence and bricks that edge flower bed look better because their lines parallel those of house. Step-down in terrace accommodates the original slight slope. Dichondra ground-cover needs no mowing, sets off flower colors with its lasting green

House and flower-edged terrace are one all summer because doors are seldom shut. Screened doors hung inside glass ones permit this; no bothersome insects get in to fly about the reading lights

Photographs: de Gennaro

Flowers in pairs and trios follow each other like the actors in a good variety program



Following the early, spring-flowering bulbs come the sweet-scented garden pinks to lean over the bricks and make a pretty binding for oncoming iris and white marguerites. Spiky, blue-toned foliage looks attractive all season

Rosy pyrethrums or painted daisies come with the tall iris, make excellent companions for the great silken cups of Oriental poppies. Hybrid tea roses are just about ready. Buds of hardy regal lilies open a couple weeks later with yellow daylilies and blue salvias

For the latter half of summer, two easy annuals take over the border. Marigolds in pale and deep yellows keep color going wherever bushy chrysanthemums are not bursting with buds. Dwarf ageratum in a fluffy lavender-blue binds the border delightfully

Start with your favorite colors

Your color scheme is the most important part of your decorating. It's the starting point. With color you can disguise bad architectural details, create the mood you want, unite furniture of different sizes, shapes, and periods, and accomplish all sorts of other decorating miracles.

The big question is where to begin. Most of us do not throw everything out and start from scratch. If you plan to keep the draperies or the carpet, either is a good place to start building your new color scheme.

The owner and decorator of the home pictured here, William Schneider, first chose a lovely floral fabric of blue and green. From this the color scheme for his main living areas was taken. These same colors show up as accents in the bedrooms. The blue is used in one bedroom, the green in another. This is a good example of how you can carry the same colors from room to room without monotonous results. If you choose dark walls, you'll need lots of light accents. It's easy to introduce them in your accessories.

Striking window treatments contribute to the dramatic background and are worth study. There are good tips here on how to disguise the size of badly placed, awkward windows with imaginative window treatments. [*Turn to next page*

Blue and green color scheme is taken from the drapery fabric. This fabric, the only pattern used here, is carefully balanced about the room. It's used on the large fireside chair and to cover a sofa on the opposite side of the room. The fireplace wall is white, a needed contrast to the dark color of the walls and floor

For a unified color scheme, use the main color from one room as the accent in another

Blue and green are the predominant colors in this home. For variety, different colors are introduced in the two bedrooms. The two main colors from the living room, however, show up as accents in the bedrooms. In the copper-brown bedroom, green is used as an accent; in the other bedroom, blue

Photographs: Szenik. Data: Barbara Lennox

By Florence Byerly

Same colors are used in the adjoining study-dining room. By repeating the same one-pattern idea of the living room, the two rooms are made to seem to flow together. It is a way of creating a feeling of spaciousness in a smaller home. The bright yellow pillows on the sofa bed are a gay and vivid accent to the blue and green color scheme

Start with your favorite colors *Continued*

Your furniture arrangement should make your home easier to care for, and should be a natural reflection of the way you live and entertain. In this home, the front door opens directly into the living room (see plan, page 85). The living-room furniture is arranged in an inviting group that creates a traffic lane from the door across the room, giving the impression of an entrance hall.

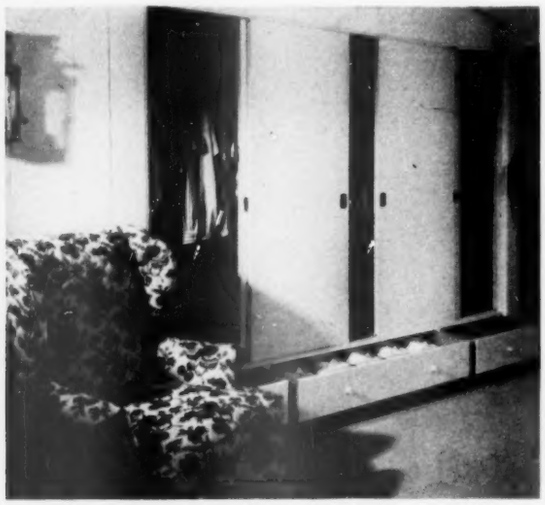
Accessories give you a chance to add that little extra touch to your home that gives it individuality. A good rule to remember is this: Few and large accessories are better than a hodgepodge of little things. If you have a prized collection of small objects, they'll take on more importance if grouped together, rather than being scattered about the room. The accessories you choose are the most personal part of your decorating. They correspond to the jewelry a woman wears to set off a dress, or the tie a man selects as the finishing touch. Choose them with care.

The way all of these elements of good decorating are put together in this home will help you get the kind of an attractive and comfortable home you want.

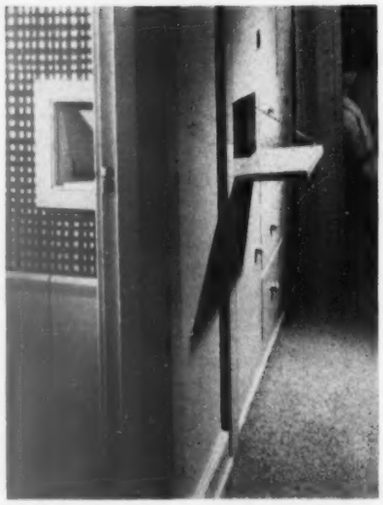
It's time for breakfast — and so convenient. That small shelf under the window holds appliances and "extends" the table.

The electrical outlet wasn't forgotten, either.

And doesn't that handsome wall covering and the shutter treatment add distinction to this small kitchen?



There's plenty of closet space in the bedrooms, too. You'll want to remember this idea. Raise your closet floor, leaving room below for man-size drawers. Just right for shirts, sweaters, and such



There are chutes to the clothes hamper in the bathroom, at left, and the bedroom hall.

The clothes fall into a wire hamper which is pulled out and emptied from the hall side.

The drop door in the hall also serves as a sorting ledge when clean linen is returned to its well-planned storage section at right.

L-shaped board bases give a neat, tailored effect to the sofa beds you see in color at the right. The bases pull out easily when you make the bed. And note fabric-saving advantage of using bases like these. The bed pillows are in zippered covers matching spreads

Good decorating doesn't stop with a color scheme. Planning for convenience is something to consider. To a pleasant decorating scheme, add these well-planned storage and built-in ideas to help you get a more livable home

Furniture was planned to fill all the space on either side of bed. Bed fits snugly between the storage chests on one side and a desk combined with a drawer unit on the other side

Light colors and white are used elaborately with the dark walls. Dark walls need many light accents. The prints above the bed, for instance, are made even more eyecatching with the wide, white mats. Green, from the living-room scheme, is repeated as the accent

Blue is picked up as the accent for this bedroom. The dado is papered to match the bedspread fabric — a good budget means of adding a luxury look. In all rooms of the home, well-proportioned reading lights have been carefully selected to be both decorative and practical

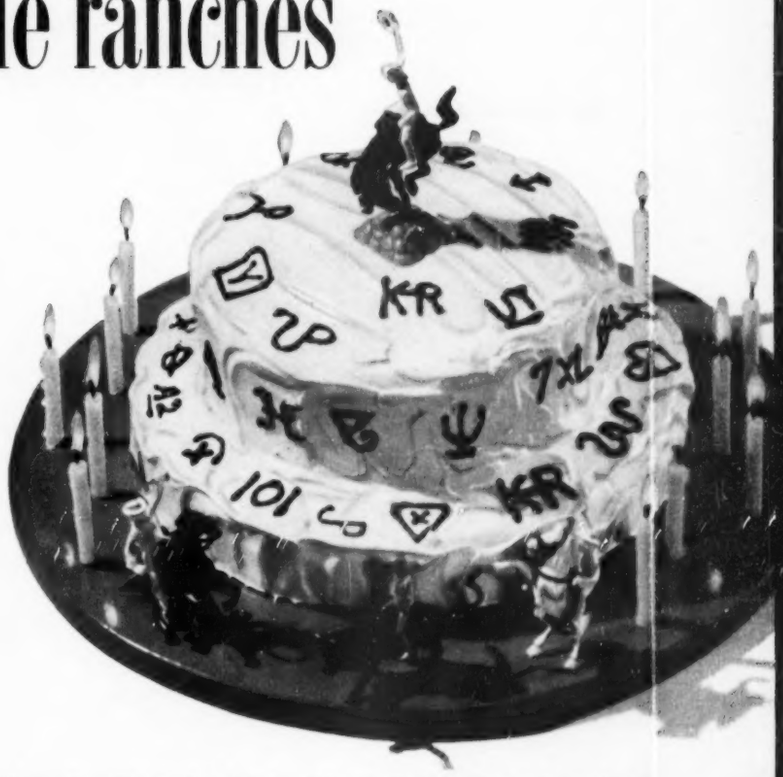
Have a decorating problem? Visit one of the Home Planning Centers operated in cooperation with Better Homes & Gardens. They're listed on page 306

Famous foods *FROM* famous dude ranches

Hearty, delicious foods with all the tang of an evening campfire and the informality of relaxed Southwest living—that's what we bring you this month from the Triple H Ranch Inn at Tucson and the Kenyon Ranch at Nogales, Arizona.

Here in the cattle country, you'll find the kind of breakfast eating that swings 'em into the saddle for a chilly sunrise ride. But this is "refined" ranching, and luncheons and dinners are served in beautiful yet casual style, the way you like to serve on your own terrace.

Let's "drop reins" first at Triple H Ranch, owned by Ray and Mary Hanks. Mary directs all the food service except the barbecue suppers—these are Ray's specialty, cooked by him in person just as you see on facing page. [*More on page 139*



Sunday outdoor supper at Triple H Ranch

Hurry, pardner! Ray Hanks is making those special Western Sandwiches. Filling's fluffy, moist scrambled eggs 'n' bacon. In go chopped onion, green pepper. Butter your toast, add mayonnaise. Help yourself to zesty-flavored Poncho's Limas, to relishes and the Arizona fruit basket below

Rancho Birthday Cake "branded" with chocolate

Yippee! Toy bucking broncos help Dad or Brother celebrate in he-man style. Cake's a velvety one, three layers high, covered with "Lazy K" Frosting—chocolate brands.

Birthday decorations for the ladies: Cowgirl rides atop pink frosting, and a few posies nestle at the base of the candles.

Recipes for cake and frosting are on page 141. We tell Dad how to make the Kenyon Ranch birthday-cake board on page 210.

Fruit and fritter lunch as served at Kenyon Ranch

Look for the clothespin napkin clip with your name. Then sit down and start right in! Ladle the fluffy Hard Sauce (nutmeg-dusted) over "Cookie's" Corn Fritters.

Drizzle Celery-seed Dressing (in the blue cruet) on the avocado slices and juicy orange and grapefruit sections.

The plate dividers are two long, crisp bacon strips. Hot biscuits are coming. What a feast after a ride on a mountain trail!

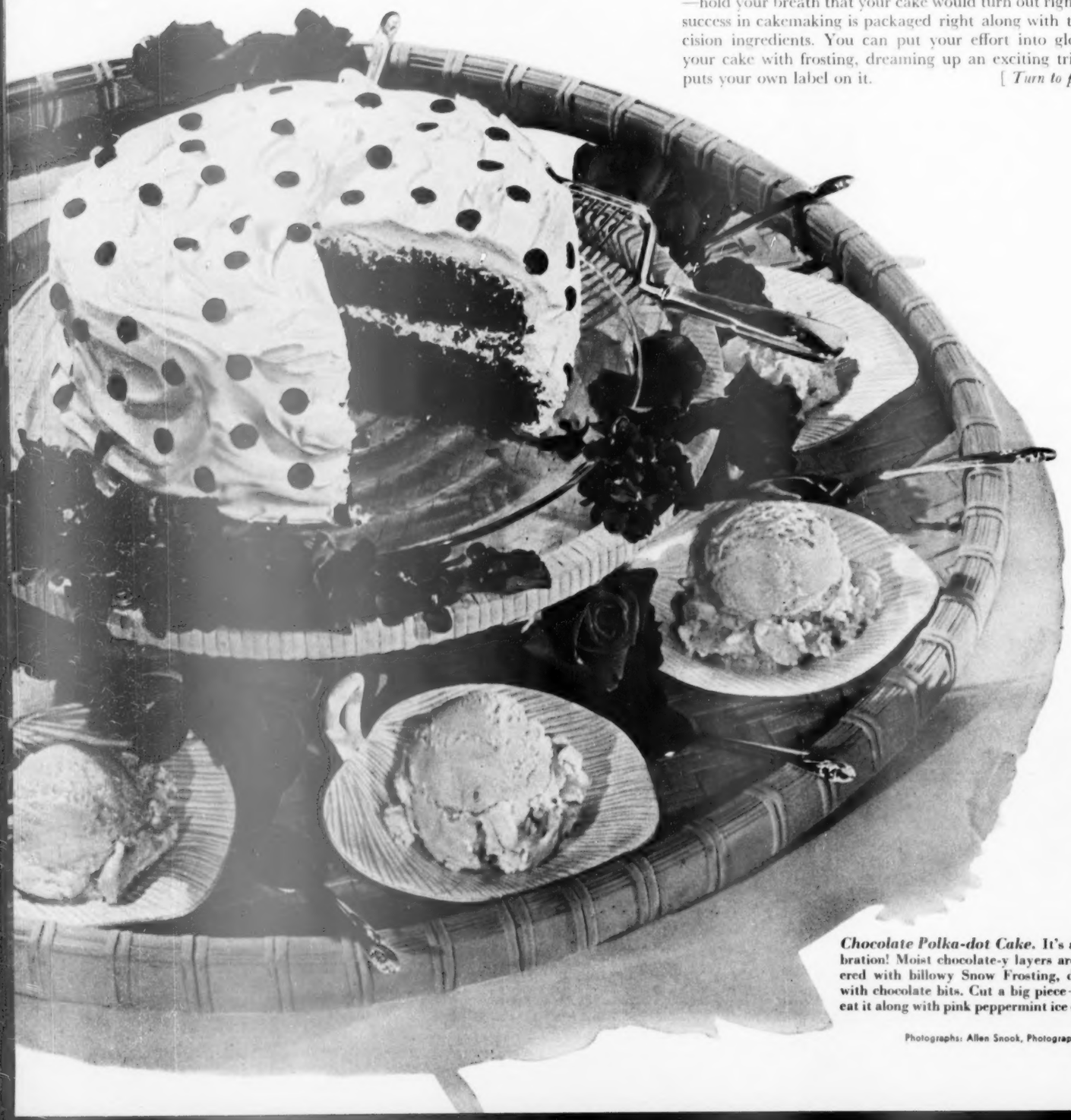
Photographs: Snook, Photography, Inc.

Glamour tricks with cake mix

By Myrna Johnston

Beauties, every one! All these luscious cakes start with a mix. Then you doll them up to suit yourself.

When you stir up a cake from a mix, you're way ahead. Time was when your only choice was to measure, sift, cream—hold your breath that your cake would turn out right! Now success in cakemaking is packaged right along with the precision ingredients. You can put your effort into glorifying your cake with frosting, dreaming up an exciting trim that puts your own label on it. [*Turn to page 130*



Chocolate Polka-dot Cake. **It's a celebration! Moist chocolate-y layers are covered with billowy Snow Frosting, dotted with chocolate bits. Cut a big piece—and eat it along with pink peppermint ice cream**

Photographs: Allen Snook, Photography, Inc.

Cocoa Meringue Torte. All the glories of cake plus! Top yellow-cake batter with meringue that has chopped nuts folded in. After layers are baked, frost with Cocoa Whipped Cream. Rich? Yes, the way folks love it! Our garden touch—pink glads

Rosy Apple Upside-down Cake. Catch a whiff of that spicy goodness! Buttery, honeyed apple rings, nuts, and cherries line the pan. Spice cake made from a mix bakes atop. Serve this treat oven warm, fruity side up. Added ruffle: a daisy chain

Angel-Peach Dessert. It's cake and fruit all in one! From packaged angel-food mix, you bake a fluffy, high cake. Fill center with peach slices in orange gelatin. Crowning glory: Whipped cream with toasted coconut—ring-around of posies

Meals in minutes

It's just 1-2-3, and dinner's on the table. That's how speedy the fixing can be when the hub of your meal is delicious canned meat. You zip open a can; then serve it plain, chilled, or hot, or give it a tricky finishing touch. Versatile canned meat is ready to go into a hearty salad, a hurry-up casserole, or become the mainstay of a broiler meal.

Center of stage in our picture is ever-popular luncheon meat, this time with a tangy glaze. The meaty salad bowl, top right, features chilled canned ham. Tiptop, left, you see corned-beef-hash molds —whole kernel corn, onion, catsup added. Lower right, double-quick sausages, the Vienna type, nestle in broiled peaches. Alongside is a potpie, a flock of chicken biscuits atop to guard the good filling—an easy canned-chicken fix-up.

Below you'll see our five scrumptious meals with canned meat for a quick starter.

Twenty-minute Roast

MAIN DISH	VEGETABLE	SALAD OR ACCOMPANIMENT	DESSERT	NICE TO SERVE
Luncheon-meat Roast* (center)	Almond-crunch Sweet-potato Balls* Green-bean Bundles	Spinach Salad Bowl* Tomato Dressing* Hot French Bread	Fresh Peach Melba	Chilled Ripe Olives Hot Coffee

This "roast" bakes in a jiffy. You cut the blocks of luncheon meat diagonally, add orange-marmalade glaze, bake briefly. Arrange wedges pin-wheel fashion with a perky parsley center. For an easy dessert, choose Fresh Peach Melba: Peel fresh, ripe peaches; halve; dip in lemon juice. To serve, mound vanilla ice cream on halves, and top with whipped red-raspberry jam.

Sunday Special

Henny Penny Pie* With Relish Biscuits* (lower right)	Nippy Tomato Halves Buttered Baby Limas	Cucumber Molds* Mayonnaise More Biscuits	Fresh Pears Stuffed With Blue-cheese Spread Assorted Crackers	Iced Coffee Stuffed Olives

Along with Henny Penny Pie, bake extra Relish Biscuits and Nippy Tomato Halves: Brush tomato halves with melted butter or margarine; sprinkle with basil, dash salt, chopped chives, fine bread crumbs. Bake on greased cooky sheet. Fix molded salad early. Core pears; dip in lemon juice. Mix blue cheese, cream cheese, finely chopped nuts. Stuff centers of pears; chill.

September Harvest Luncheon

Sausage 'n' Peach Special* (lower left)	Candied Squash Crescents*	Red Apple Salad Hard Rolls	Cranberry Upside-down Cake*	Chilled Tomato Juice Assorted Crackers Hot Coffee

Guests and family will praise this golden harvest. Peaches and Vienna sausages broil to a turn in minutes. You glaze squash crescents in a skillet in no time at all. Even Cranberry Upside-down Cake is a whiz with cake mix and canned sauce. Red Apple Salad: Cube unpared apples; marinate in French dressing. Chop green onions, water cress. Add apples and toss.

Yes Sir! A Big Salad

Gentlemen's Choice Salad* (upper left)	Buttered Peas Italian-style Potato Chips	Tiny Sweet Pickles Brown-and-serve Rolls	Concord-grape Pie*	Beef-Celery Soup Lemonade

Arrange the hearty salad in your prettiest bowl. Italian-style Potato Chips: Warm potato chips in oven with rolls; then sprinkle with Parmesan cheese; heat a minute more. Make Concord-grape Pie ahead. Near mealtime prepare Beef-Celery Soup: Combine 1 can condensed beef soup, 1 can condensed cream celery soup. Add 2 cans water; blend. Simmer 5 minutes.

Labor Day Quickie

Photograph: Snook, Photography, Inc.

Corned-beef Cups* Quick Mushroom Sauce (upper right)	Cabbage Wedges	Pickled Beets, Green-pepper Rings, on Crisp Lettuce	Cantaloupe Sundae Almond Dainties*	Iced Tea Celery Sticks Ripe and Stuffed Olives

The Monday Dad's on vacation, you can be a laborsaving cook. Fix the rest of the meal while Corned-beef Cups bake. Quick Mushroom Sauce: Add ½ cup milk and ¼ cup chopped pimiento to 1 can condensed cream of mushroom soup. Heat. Toothpick cabbage wedges together; cook just tender. Slice chilled cantaloupe. Brush with lime juice; top with ice cream.

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*Recipes on page 119 Also see index at right

Load dishes at the breakfast bar, if you like, and roll automatic dishwasher to sink. After dishwasher fills, you can unscrew hose from faucet, free it for other use. Built-in heater boosts temperature of water in dishwasher. The second rinse water is a germ-killing 190 degrees. After 15-minute cycle, lid pops open, the hot dishes dry quickly

In a party mood? Just wheel this little electric refrigerator to your porch, terrace, recreation room. Grand for the nursery or office, too.

Door doubles as a serving table; little shelf-tray holds snacks. You'll find two ice-cube trays and plenty of room for chilled beverages.

Refrigerette comes in white, blonde, mahogany finishes.

Take it easy with wheel-arounds

By Helen Hutchinson

PUSH these electric helpers wherever you like, plug them in, and they'll go to work for you. Wheel-arounds slip in an unused corner or under a counter where they're out from underfoot. Yet they're Johnny-on-the-spot when you need them. With versatile mobiles, you skip installation problems, too. Bet you have a spot for these!

More ideas on page 220

Photographs: Nelson, Photography, Inc.; Hopkins

Merry-go-round grills wieners. The crowd can watch and see what's cooking inside—glass doors protect all from spatters.

This electric rotisserie will quick-roast beef, turkey, or ribs, seal in flavor.

Cart has pull-out carving board, shelves below.

← When ironing's finished, fold down this little portable ironer and wheel it to a convenient storing spot till next laundry time.

The roll is 21 inches long. Small ironer fits a floor space 15x17 inches.

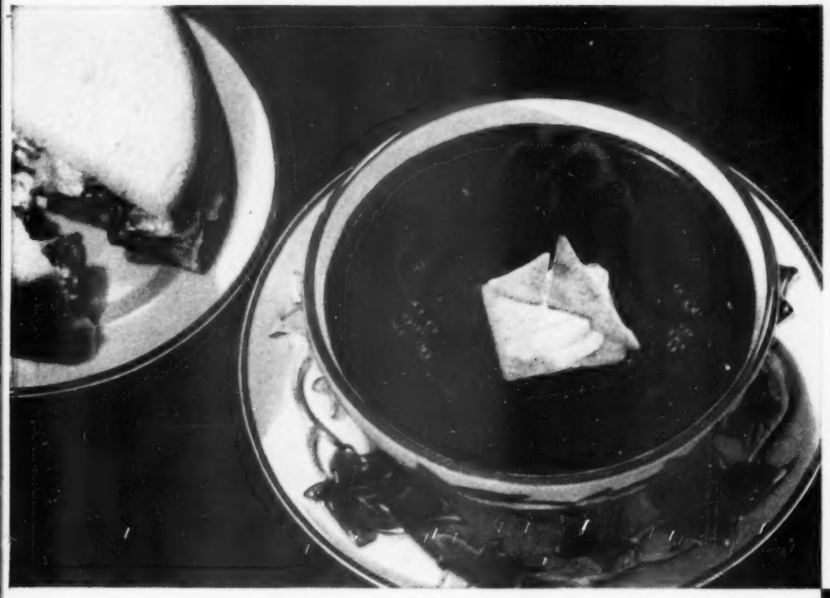
School days are soup days!

For lunch at home or school... food experts say, "have good hot soup"

BY Anne Marshall

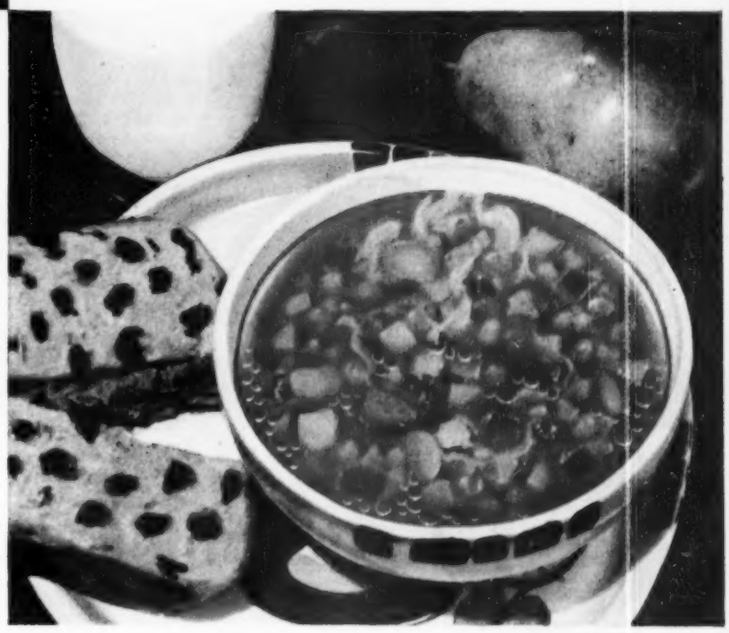
ANNE MARSHALL
Director Home Economics
Campbell Soup Company

Children who get nourishing, substantial meals are the ones who frequently *stand out*. It helps in their work and in their playtime energy. You can give your boys and girls the right lunch—and so *easily!* Just make *soup* that important "one hot dish" food experts advise. Youngsters really love soup—its flavor and variety. Make sure *your* children are eating right, whether at home or at school, with a lunch like this: a hearty soup . . . their favorite sandwiches . . . a simple dessert . . . and milk. It's an ideal meal!



TOMATO SOUP wakes up appetites—and satisfies them, too. It has the irresistible flavor of big, firm red tomatoes. Fine with practically *any* sandwich. Why not sardine?

CHICKEN NOODLE SOUP is always popular, from kindergarten on up. Delicious chicken broth . . . tender pieces of chicken . . . golden egg noodles. And how good it is with a meat sandwich, and gelatin with custard sauce.



VEGETABLE SOUP hits the spot with youngsters of all ages. It has 14 fine garden-fresh vegetables in hearty beef broth. With it, I suggest peanut butter sandwiches on raisin bread, and fruit.

Good cooks keep a full soup shelf

SEPTEMBER SUGGESTIONS FROM *Campbell's* SOUPS

I guarantee – A perfect cake

Betty Crocker

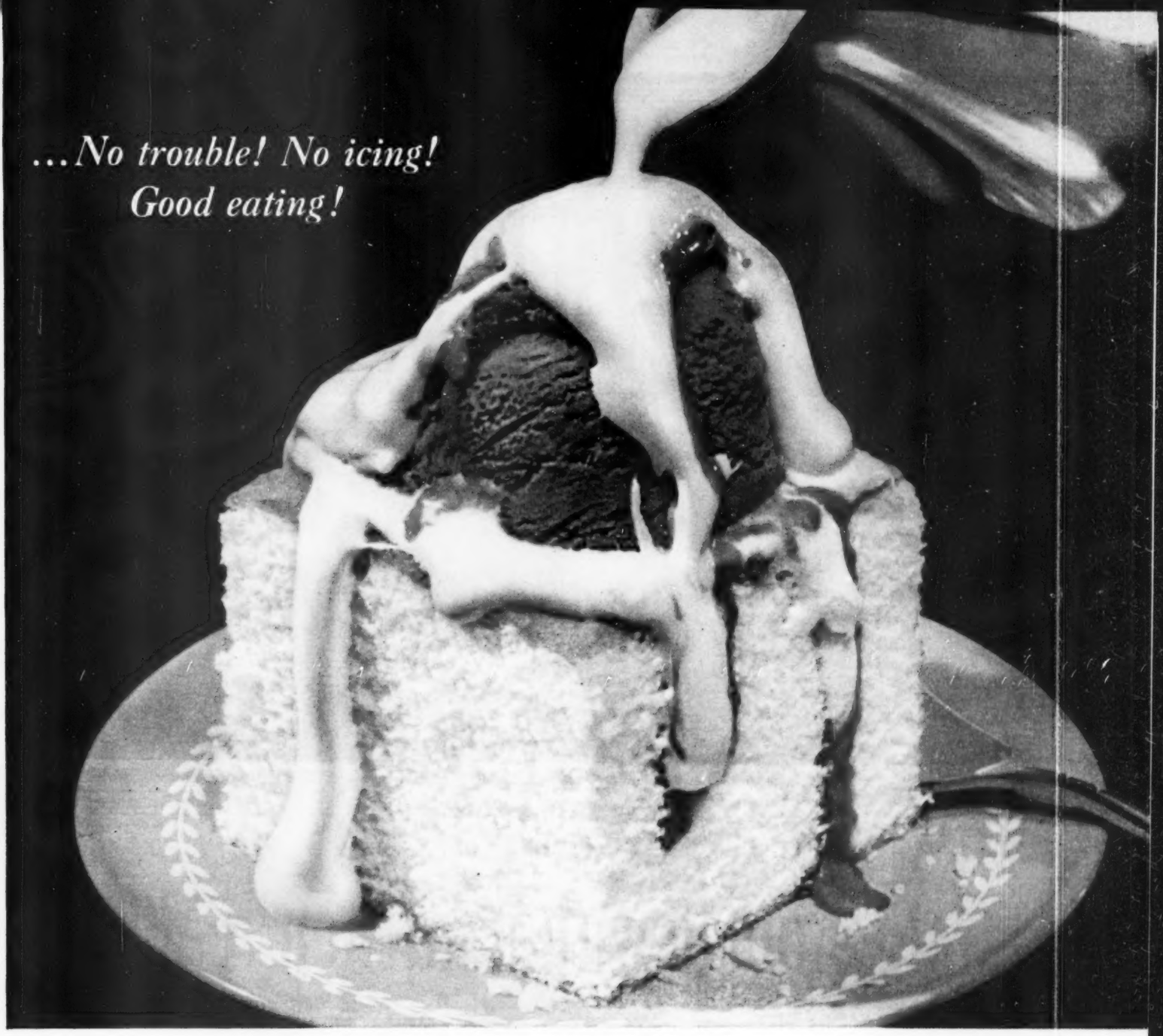
Hello, there—Here's a promise! You get a *perfect* cake—a high, light 'n handsome cake, a rich, moist, delicious cake—every single time you bake with any one of my good Betty Crocker Cake Mixes. I *guarantee* it!

And you don't have to bother with fancy icings. Who could ask for anything better than devil's food cake 'n ice cream with chocolate sauce—or white cake 'n ice cream with marshmallow topping you pour right out of a jar.

Fun thing to fix when the neighbors drop over to tell you about their vacation and find out about yours. Nice to remember next time it's your turn to have the club. And give your favorite child a tip: teen-agers love to be turned loose with a pan of cake, a carton of ice cream, and things like fudge sauce, butterscotch sauce, walnuts, whipped cream, and cherries to make their own cake 'n ice cream sundaes.

You couldn't give them a better pan of cake. For we make our Betty Crocker Cake Mixes with the same good things you'd use yourself—our finest SOFTASILK Cake Flour, rich shortening, good flavors. And then, for these two cakes, you add your own fresh eggs. So the cake turns out extra light and good.

See what I mean: you just can't *have* a failure when you bake a cake like that. And you just can't bake too many! For where's the family that doesn't go for cake 'n ice cream—for that fourth meal



every time you bake...

(cake...after cake...after cake...after cake!)

that's the fun meal, anywhere from nine to midnight—or any other time. Why don't you bake up a Betty Crocker Cake, have your ice cream ready, and give the folks that you like best a good surprise tonight. *They'll love you for it.*

Betty Crocker

PERFECT? Yes, we DO mean perfect. You be the judge. If any cake you make with a Betty Crocker Cake Mix comes out less than perfect, write Betty Crocker, Box 200, Minneapolis, Minn., and General Mills will send your money back!

This handsome, up-to-the-minute kitchen boasts long row of cabinets, left, and a versatile center island. Directly ahead you see the laundry area

Gain storage with a kitchen re-do

By Pauline Graves

You have to stretch your imagination to believe this beautiful, efficient kitchen was once old-fashioned and bunglesome, a nuisance to work in. But the Joe Feldmans, Los Angeles, kept a "before" plan to prove it.

The storage and table-top space were woefully short-changed, and five doors broke up the walls to such an extent that little space was left for the addition of any more cabinets. Traffic was a problem, too.

Now roomy kitchen includes former laundry room and pantry. And look at all the cabinets! Louvered windows let in air, curb drafts. Doors number just three.

Take special note of the center roll-around "island" with its marble top. Baking center organizes supplies in easy reach. Nearby you'll spot pass-through to terrace.

New laundry area runs along one wall, includes washer, dryer, clothes bin, covered sink. At this sink you'll find a flower-arrangement center next to the garden door.

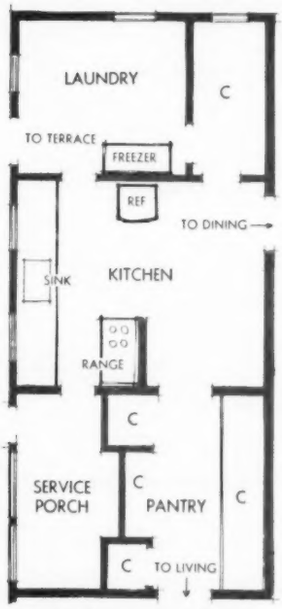
If you're remodeling your kitchen, or building a new one, check these pictures for ideas and inspiration.

Double duty. Laundry tray is fine spot for arranging flowers. Partitions divide cabinet to suit vases. Drawers house scissors, wire, and flower holders

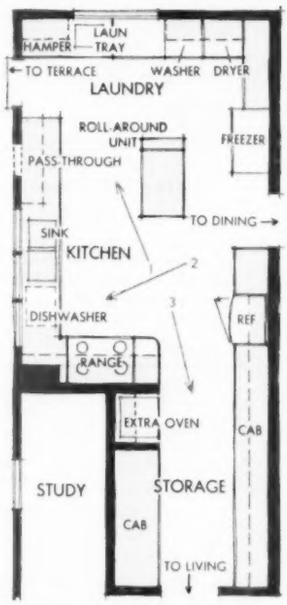
Decorator: Liane Zimbler, A.I.D.

Terrace pass-through. Slide up door by sink and push bottled beverages to outdoor section of counter. Electric outlet, right, lets you use appliances outside

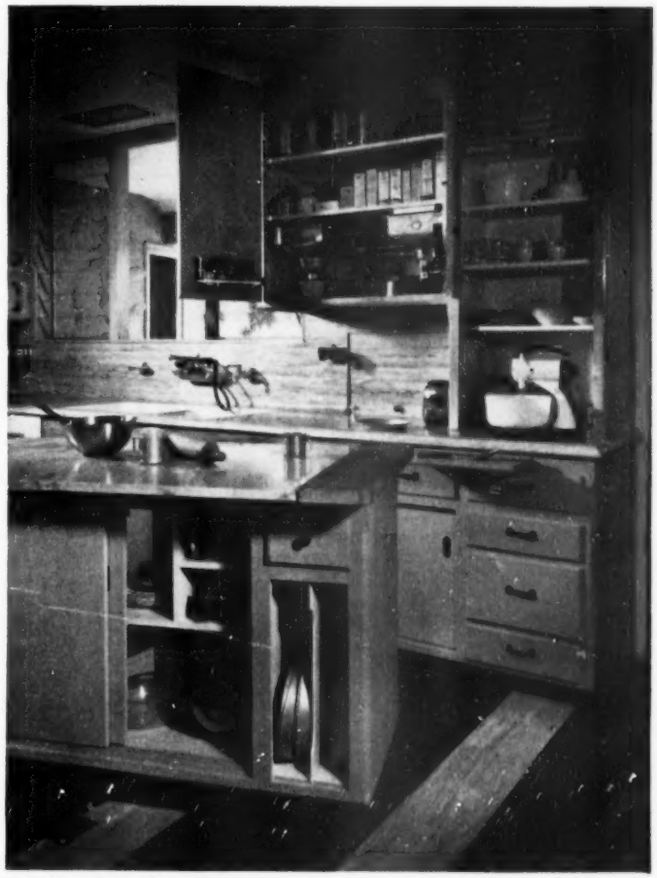
Compare these plans as to handy storage



BEFORE Skimpy cabinet space rated as top problem. Small as kitchen was, five doors opened into it, upset kitchen activities



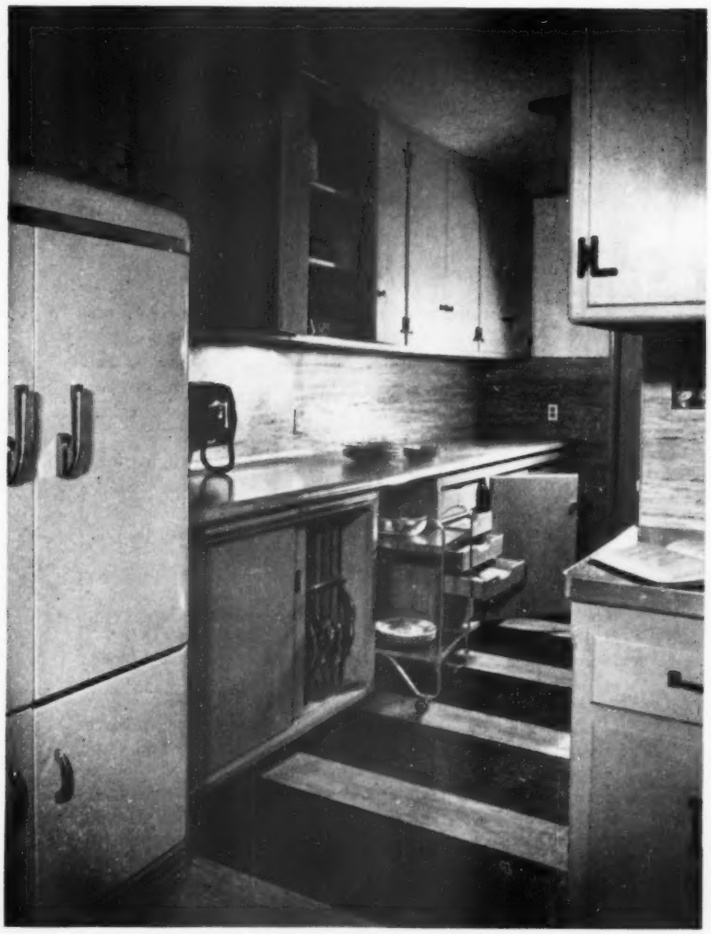
AFTER. Kitchen includes former pantry, laundry. See added cabinets; fewer doors. (Red arrows point to views in pictures)



2 Rolling island unit. You can slice vegetables on cutting board at one end, or roll out pastry on the marble top.

Baking pans fit in compartments below. Cabinets beyond hold your baking needs.

Photographs: de Gennaro



3 Dishes, linens. Galley of cabinets store dishes next to dining room. Note long counter to line up buffet dishes.

Wheel-around cart rates its own garage, and linens go in the shallow drawers.

Range center. Cook books park on shelves around corner from the range.

Extra built-in oven at left serves as warmer, helps with extra load for holiday crowds.

Pan storage. It is easy to pick pan you want from deep drawer next to range.

Hooks slide on tracks near top of drawer, let you hang up either large or small pans.

Want pounds OFF or ON?

Here's how with family meals

Breakfast

This quick-to-fix meal remains constant throughout the week

Grapefruit ½ medium **or** **Orange and Grapefruit Juice** ½ cup, unsweetened

One Egg soft cooked or poached

Crisp Melba Toast 1 slice, 3½"x1½"

Cottage-cheese Balls 1 tablespoon

Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Toasted Enriched Bread, 1 slice; Butter Pat, 1¼"x1¼"x¼"*

*** For men only! You need to eat more than the ladies, so add the foods shown in red here and on next page. Also you can use mayonnaise instead of Special Dressing on salads.**

By Ann Williams-Heller

Have you fitted on a new dress or suit recently? Was it hard to accept what the three-way mirror at the store *stoutly* insisted? If so, look across the page—there you see meal plans designed to take off excess weight safely. They'll help you or anyone in your family who is troubled with the too-many-pounds problem. These are good-tasting, full-plate meals you can happily serve the whole family with only slight modifications for the nondieters.

Men and women reducers, alike, eat all foods printed in black. But the men reducers *add* the extra foods given in red at the bottom of each meal plan. To adapt this diet to overweight teen-agers, or to underweight members of your family, see the pointers below. [*Turn to page 277*

For Tubby Teen-agers

If you are a teen-ager with a weight problem, remember you can "grow it out" in the next few years. During the teens, girls grow an average of 2 to 3 inches each year. They gain from 6 to 10 pounds per year up to age 14; then between 4 and 1 pound per year up to 17.

Boys grow 2 to 3 inches per year, too, but their weight gain is higher: 4 to 14 pounds up to age 16; 7 to 3 pounds per year to age 17.

During rapid-growth years, you need extra foods that offer energy and body-building materials, particularly proteins, calcium, iron, and vitamins. So, (if you have your doctor's consent to use this diet), add the following foods every day to the meal plans on opposite page. It's still a reducing bill of fare for you!

- 1 cup whole milk; 1 pat butter or margarine
- ½ grapefruit, or ½ cup fresh strawberries, or 1 peach
- 1 serving cereal or 1 slice bread, enriched or whole grain
- 1 large serving of crisp, green vegetable salad

In addition to your actual dieting, do what famous movie stars do—check up on your eating and living habits in general:

- Eat regularly—3 times a day. A hearty breakfast is important; so is plenty of milk. NO snacking between meals.
- Take plenty of exercise; get plenty of rest.
- Watch your weight regularly once a week. Keep a record.

For Slim Jims and Janes

Your diet makes you the envy of all overweights. You add delicious desserts, other rich foods to meals that supply the protein, minerals, and vitamins you need. To be sure you are in good health, have your doctor give you a checkup before you go on a high-calorie diet.

While "don't starve" is a safety rule for folks who are reducing, "don't stuff" is your watchword for success in gaining weight.

Here are pointers for pounds

- Relax before you eat; if possible, lie down 10 minutes.
- Have meals at regular hours; eat slowly; chew foods well.
- Increase meals to five or six a day. Best time for extra meals: midmorning; midafternoon; bedtime. Don't nibble between these meals, or you may spoil your appetite.
- Good foods for these extra meals are: milk, eggs or egg yolks (in eggnog), ice cream, fruit or fruit juices, crackers or bread and butter, cream cheese, raisins, nuts.
- Get enough sleep; exercise moderately; get lots of fresh air.
- Follow the meal plans on next page, but step up the calories: Use whole milk; cream; meat with fat; meat gravy; bacon; extra butter or margarine on vegetables; extra dressing on salads; jellies, jams; desserts with whipped cream; sundaes; nuts. In adding rich desserts, you still need 2 servings of fruit daily.

Luncheon

Dinner

MONDAY

Luncheon

Consomme
1 cup
Broiled Ground-beef Patty (lean)
3"x½"
Broiled Tomatoes
2 medium halves
Steamed Onion Rings
½ cup
Graham Cracker
1 square
One Banana
fresh or broiled
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

French Roll; Butter Pat*

Dinner

Salad Bowl With Special Dressing:
Lettuce Greens
large serving
Crisp Celery
½ cup diced
Grated Carrots
4 tablespoons
Braised Liver Steaks
2, each 3"x2½"x½"
Baked White Potato
1 small
Steamed Cabbage
½ cup
Orange Slices
½ medium orange
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Pineapple Slice, ¾" thick*

TUESDAY

Luncheon

Tomato-juice Cocktail
½ cup
Swiss Steak
2"x2"x½"
or
Poached Whitefish
4"x2"x¾"
Parsleyed Potato
1 small
Cauliflower
½ small head
Canned Peaches
2 halves, no juice
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Swiss-cheese Slice, 4½"x4½"x⅛"; Saltines, 2 squares*

Dinner

Clear Bouillon
1 cup
Tongue With Horse-radish
3 slices, 3"x2"x¼"
or
Roast Turkey (lean)
2 slices, 4"x3"x½"
Steamed Spinach
1 cup
Vegetable-Gelatin Salad, Special Dressing
¾ cup
Bartlett Pears
2 halves, fresh or canned
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Steamed Brown Rice, 5 tablespoons (cooked)*

WEDNESDAY

Luncheon

Coleslaw Cup
½ cup
Roast Lamb (lean)
1 slice, 3½"x4½"x⅛"
or
Baked Ham (lean)
1 slice, 5"x5"x⅛"
Steamed Brown Rice
5 tablespoons (cooked)
Green Peas
½ cup
Diced Carrots
½ cup
Plums
4 halves, fresh or canned, no juice
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Rye-bread Slice, 3½"x4"x½"; Butter Pat; Grated Cheese, 1 tablespoon*

Dinner

Consomme
1 cup
One Crisp Rye Cracker
Salad Bowl With Special Dressing:
Shredded Lettuce
large serving
Tomato Slices
½ medium tomato
Cucumber Pickle
½ medium
Beef Stew (lean)
4 cubes meat 1¼"
or
Deviled Eggs, 2 halves
Cottage-cheese Balls, 1 tablespoon; Liverwurst, 1 slice 3½"x½"
Apricots
5 halves, no juice
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Baked Potato, 1 small*

THURSDAY

Luncheon

Salad Bowl With Lemon Juice
Crisp Lettuce
large serving
Pimiento Strips
½ pimiento
Cottage-cheese Balls
2 tablespoons
Toasted Saltines
2 squares
Corned Beef
2 slices, 3"x2"x¼"
or
Poached Codfish Steak
4"x2½"x¾"
Swiss Chard
½ cup
Sliced Beets
½ cup
Cantaloupe Half
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

French Roll; Butter Pat*

Dinner

Salad Bowl With Special Dressing:
Romaine Lettuce or Escarole
large serving
Tomato Slices
½ medium tomato
Consomme
1 cup
Frankfurter
or
Broiled Bluefish
3"x2¾"x1"
Sauerkraut With Caraway Seed
1 cup
Parsleyed Potato
½ medium
Fresh Applesauce
½ cup, no sugar
or
Strawberries
½ cup
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Pineapple Slice, ¾" thick*

FRIDAY

Luncheon

Tomato Juice
½ cup
or
Bouillon
1 cup
Two Poached Eggs
or
Broiled Halibut Steak
3"x2"x1"
Boiled or Baked Potato
1 small
Steamed Asparagus
8 spears
Stewed Prunes
3 medium
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Toasted Saltines, 2 squares; Swiss-cheese Slice, 1½"x3½"x¼"*

Dinner

Salad Bowl With Special Dressing:
Salad Greens
large serving
Five Red Radishes
Cucumber Pickle
½ medium
Poached Salmon Steak
2"x3"x¾"
or
Broiled Ground-beef Patty (lean)
3"x½"
Corn on Cob
1 medium ear
Frenched Green Beans
½ cup
Raw or Baked Apple (no sugar)
1 small
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

One Crisp Rye Cracker; Butter Pat*

SATURDAY

Luncheon

Consomme
1 cup
Broiled Club Steak (lean)
1 small
Steamed Brown Rice
5 tablespoons (cooked)
Stewed Tomatoes
½ cup
Stewed Prunes and Apricots
2 prunes, 5 apricot halves
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Toasted Enriched Bread, 1 slice; Butter Pat; Grated Cheese, 2 tablespoons*

Dinner

Crisp Lettuce With Special Dressing
large serving
Cottage-cheese Balls
2 tablespoons
Saltines
2 squares
Broiled Lamb Chop (lean)
3"x1½"x¾"
Potato Cooked in Jacket
1 small
Broiled Onions With Pimiento Strips
½ cup
Cinnamon Applesauce
½ cup, no sugar
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Canned Fruit, ½ cup, no juice*

SUNDAY

Luncheon

Consomme or Bouillon
1 cup
Toasted Enriched Bread
1 slice
Lettuce With Special Dressing
large serving
Green-pepper Rings With Cottage Cheese
½ pepper, 2 tablespoons cheese
Cold Roast Turkey
1 slice, 4"x2½"x¼"
or
Cooked Shrimp
15
or
Baked Ham (lean)
1 slice, 5"x5"x⅛"
Chilled Pineapple Tidbits
½ cup
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Butter Pat*

Dinner

Relish Tray:
Celery Stalks
2 medium
Ripe Olives
2 small
Carrot Sticks
6 medium
Cucumber Pickle
½ medium
Broiled Chicken
½ broiler
or
Roast Turkey (lean)
1 slice, 4"x2½"x¼"
Boiled or Baked Potato
1 small
Steamed Broccoli
½ cup
Frenched Green Beans
½ cup
Orange Slices
1 orange
Skim Milk, 1 cup, *and* Coffee or Tea (if you like)

Peach, 2 halves, no juice; Jellied Cranberry Sauce, 2 tablespoons*

Here's what you may win...

Win a trip to New York, enjoy a stay at the Waldorf, as one of the 100 winning finalists.

Win a G-E electric range, plus a G-E Triple-whip electric mixer. All finalists win them.

Win cash. A cash award is given finalists in addition to the chance to win the big awards.

Special prizes for Junior Bakers. 104 prizes, $8,000 in cash, $18,660 total value Jr. awards.

Now it may be your turn...

Wins 1st Time—"I won $25,000 first time," says Mrs Wuebel, Redwood City, Calif.

110 Cash Prizes...100 Trips to the Waldorf in New York

Pillsbury's BEST

$100,000

ARTHUR GODFREY *says:*

Whatever you do, don't be scared to enter this contest. You exchange recipes with your friends all the time. And that's just what this big homemaking event is . . . a Recipe Exchange on a grand national scale for all the women in America.

I've been on hand for every one of these Grand Nationals and talked to lots of the women. And believe me, they not only get a big thrill out of this contest, but they have a lot of fun.

If you could see that magnificent Grand Ballroom at the Waldorf that's been the scene of so many famous events, crowded with women from all over the country, baking their favorite recipes, in the greatest event of all—you'd certainly want to be a part of it.

So come on and enter; maybe it's your turn this year.

NOW—your favorite recipe may win you a trip to the famous Waldorf in New York, PLUS a G-E Electric Range, PLUS a G-E Electric Mixer, PLUS $25,000 in cash, PLUS big bonus prizes

558 Prizes . . . $129,000 in total value awards

This may very well be your year to win some of these fabulous prizes! Who knows? Folks all across the country win prizes with simple, everyday recipes. You have just as much chance as anyone, right now, to be among those 100 contestants at the Waldorf. And think of the fun it's going to be, taking in the sights of New York . . . meeting all kinds of famous people . . . being the center of attraction. Why, *you* may even be the one to walk off with the big $25,000 prize!

All this may happen to you—just by sending in your favorite recipe! It may be that cookie recipe you're so proud of . . . a pie your grandmother used to make . . . the bread or rolls that have become popular at your house. Perhaps it's a main dish you've put a special touch to . . . a cake your church group raves about. Just about any recipe you think is a little unique in flavor, or appearance, or saves time and work has a chance to win. Remember, simple foods have won prizes in the past—so don't hold back!

And it's so very easy to enter! No fancy slogans . . . no tricky jingles. Just read the easy rules and send in your recipe on the entry blank right there for you on the next page. Do it soon. Today if possible. Don't forget, 558 prizes worth $129,000 are waiting for folks like you!

EASY RULES FOR WINNING

CONTEST CLOSES OCTOBER 15, 1953

1. On an Official Entry Blank print or type your name, address, the name you have selected for your entry, and every ingredient and amount used in making your entry. Give your measurements in level (not scant or heaping) cups, tablespoons, teaspoons, or in fractions (¼, ½, ¾, etc.). If you are a Junior entrant, check the Junior Recipe Box. If you are a Senior entrant, check the proper Senior Food Classification Box. Give baking temperature and time.
2. Attach firmly to the Official Entry Blank an extra-value coupon from any size sack of Pillsbury's Best Flour and one or more sheets giving instructions for making your recipe. Write on one side of the paper only. Write your name and address at the top of each sheet.
3. Enclose your entry in an envelope addressed to Pillsbury's Recipe Contest, Post Office Box 749, Chicago 77, Illinois. Entries must be postmarked not later than October 15, 1953, and must be received not later than October 20, 1953. You may send in as many entries as you wish, but only one per envelope. All recipes and entries become the property of Pillsbury Mills, Inc. and will not be returned.
4. Every entry, to be considered, must be on an Official Entry Blank, must comply with the above rules, and must call for at least one-half cup of Pillsbury's Best Flour. No entry will be considered which calls for an intoxicating beverage, or for an ingredient not usually found in grocery stores.
5. Everyone twelve years or over on July 1, 1953, in the United States, Alaska, Hawaii, and Puerto Rico may enter—except employees of the following organizations and members of their immediate families: Pillsbury Mills, Inc., its advertising agencies, the Lloyd Herrold judging organization, and practicing professional home economists. Entrants twenty years or over on July 1, 1953, are eligible for Senior Grand National awards; entrants under twenty years are eligible for Junior Grand National awards.
6. The Lloyd Herrold Company and home economists staff will judge qualified entries in the Recipe Contest on the basis of ease and speed of preparation, novelty or unusual character, general appeal and aptness of name. No entrant will be eligible for more than one award in the Recipe Contest.
7. The Baking Contest will be held in the Grand Ballroom of the Waldorf-Astoria Hotel in New York and will be limited to the eighty Senior Recipe Contest winners and the twenty Junior Recipe Contest winners. Entrants in the Baking Contest will prepare their prize-winning recipes without assistance, and entries will be judged on the basis of taste, appearance, general appeal, and novelty or unusual character. No entrant will be eligible for more than one cash award in the Baking Contest.
8. These rules are binding on all entrants. The decisions of the judges will be final. In the case of ties, duplicate awards will be made. This contest is subject to federal and local laws. Names and addresses of all winners will be furnished after January 1, 1954, on request.

Wins 4th Try—"I entered four times. Then I got the $25,000 prize!" Mrs. Harlib, Chicago.

4 kinds of food will win

Cakes. This Starlight Double Delight Cake won $25,000 for Mrs. S. P. Weston, La Jolla, Calif.

Cookies. For example, these are the $25,000 Cookies that won last year for Mrs. Peter Harlib, Chicago, Ill.

Pies and Desserts. This is the $10,000 Peanut Crust Pie by Mrs. T. L. Green, Jr., Columbus, Ga.

Breads and Main Dishes. Water-Rising Nut Twists won first prize for Mrs. Ralph E. Smafield, Detroit.

...100 G-E Electric Ranges...558 Prizes in all are waiting for you in

5th GRAND NATIONAL Recipe & Baking Contest

$25,000 FIRST PRIZE

$129,000 Total Value Awards!
$7,500 Second Prize
$2,500 Third Prize

Grand National Recipe Contest Prizes—To the 80 Senior Recipe Contest Winners and the 20 Junior Recipe Contest Winners—a trip to New York City and a two-day stay at the Waldorf-Astoria Hotel (at Pillsbury's expense) in order to compete in the Grand Ballroom of the Waldorf in the Baking Contest, plus a cash prize of $100 each.

The same trip will be provided at Pillsbury's expense for one parent or approved adult for each of the 20 Junior prize winners.

To Winners of Senior Baking Contest

FIRST PRIZE.....**$25,000**
SECOND PRIZE.....**$ 7,500**
THIRD PRIZE.....**$ 2,500**

Four "Best of Class" Awards

Breads and Main Dishes.....$1000
Cakes.....$1000
Pies and Desserts.....$1000
Cookies.....$1000

To the Winners of Junior Baking Contest

First Prize.....$3000
Second Prize.....$2000
Third Prize.....$1000

To the 100 Contestants in the Baking Contest at the Waldorf-Astoria

100 G-E Stratoliner Push-Button Ranges
100 G-E Triple-Whip Mixers

BONUS CONTEST AWARDS*
OFFERED BY GENERAL ELECTRIC:

First Prize Winner—G-E Refrigerator-Freezer Combination
Second Prize Winner—G-E Food Freezer
Third Prize Winner—G-E Custom Automatic Washer
Four "Best of Class" Winners—G-E De luxe Wringer Washers
First Prize Junior Winner—G-E Automatic Under-Counter Dish Washer

*To qualify for Bonus Awards, register at a General Electric appliance retailer.

ENTER NOW! Your entry must be postmarked not later than midnight October 15, 1953, and must be received by October 20, to be eligible.

This Entry Blank may help you win $25,000 B

OFFICIAL ENTRY BLANK

Pillsbury's $100,000 Grand National

Mail to Pillsbury's Recipe Contest, Post Office Box 749, Chicago 77, Illinois

Name_____ Address_____

City_____ Zone____ State_____

Check the classification in which your recipe is entered:

CONTEST CLOSES OCTOBER 15, 1953

☐ JUNIOR (Anyone 12 but not 20 on July 1, 1953) All Types of Recipes	☐ SENIOR Cakes All Types of Cakes	☐ SENIOR Cookies All Types of Cookies	☐ SENIOR Breads and Main Dishes Yeast Raised and Quick Breads, Pancakes, Dumplings, Doughnuts, Etc.	☐ SENIOR Pies and Desserts Including all Pies, plus Pudding, Cobbler, Jelly Rolls, Shortcakes, Etc.

Your name for your recipe: _____

Basic Recipe (dough, batter or pastry)

Amount	Ingredient

List below each ingredient and amount used in column indicated:
Filling, Topping, Sauce, etc. (if necessary for serving)

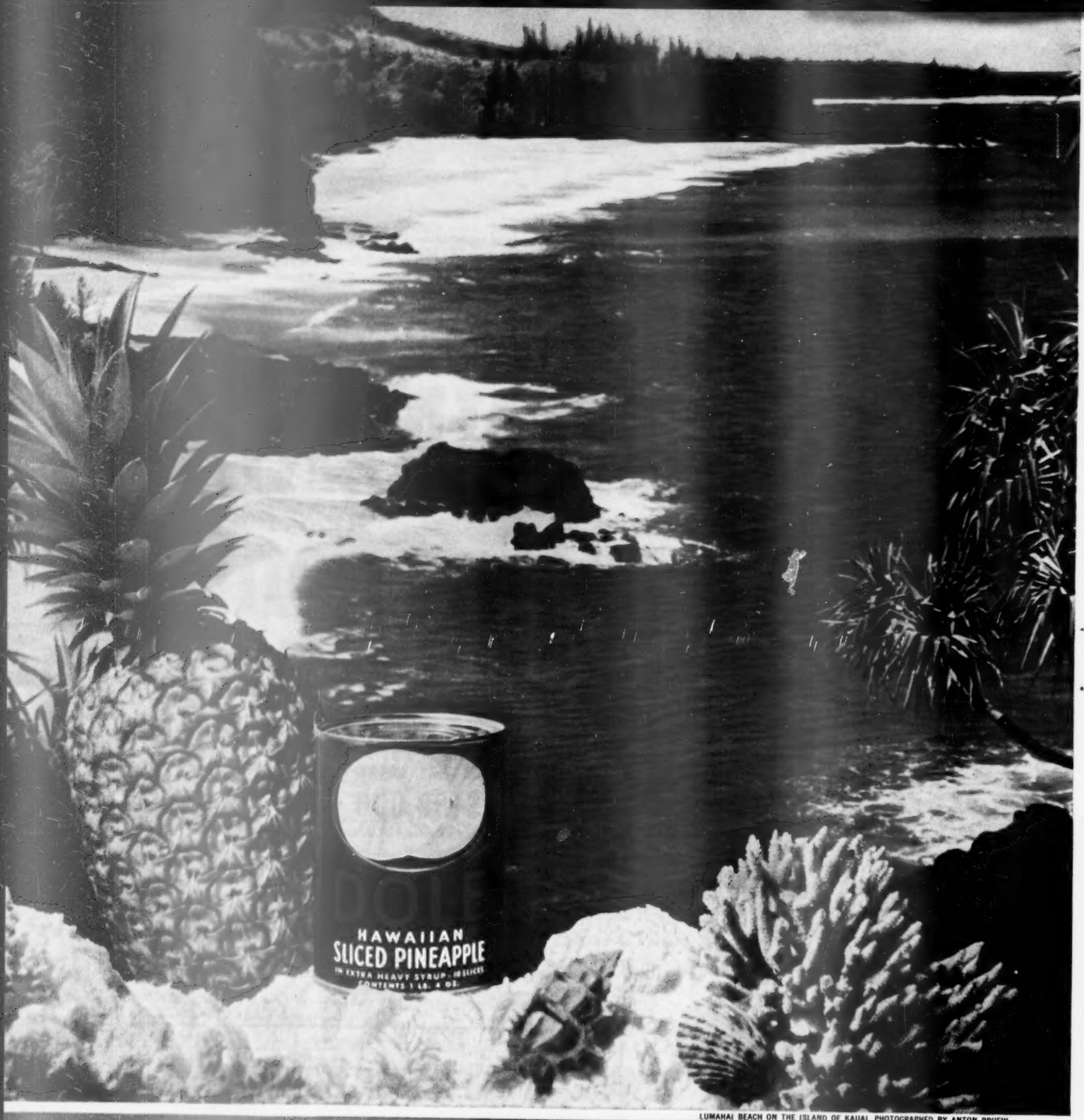
Amount	Ingredient

Give Baking Temp._____ **F. Baking Time:**_____

IMPORTANT—(1) Write your name, address, and full directions on separate sheet and attach.
(2) Attach to the back of this entry blank the extra-value coupon from any size sack of Pillsbury's Best Flour.

Get additional entry blanks at your grocer's or write Ann Pillsbury, Box No. 11, Minneapolis 2, Minnesota. Requests for additional entry blanks must be postmarked no later than October 1, 1953.

I buy my groceries from (list one store only):_____



LUMAHAI BEACH ON THE ISLAND OF KAUAI, PHOTOGRAPHED BY ANTON BRUEHL

Be sure it's Hawaiian—
Be sure it's DOLE!

Mellow, sun-ripened, luscious—there's nothing like golden DOLE Hawaiian pineapple. For a spiced cool and refreshing as music moderato, give creamy cottage cheese a DOLE Pineapple Slice hole, add a perky red strawberry, and watch jaded appetites revive!

Send 25¢ for colorful Hawaiian Party Book to Dole, Box C, 215 Market Street, San Francisco 6, California.

CONTEST FOR COOKS

Send us recipes for hearty casseroles and custard desserts

CASH IN on your good recipes for hearty casseroles and custard desserts. You have 21 chances to win a prize. If you are chosen Cook-of-the-Month, you will be mailed $10. Or if you are one of the 20 runners-up, you'll receive $3. Eight of the winning recipes will be pictured in the Prize Tested Recipes pages next April.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement and *six copies of the endorsed recipe.*

Hints to help you—

Hearty casseroles are the hub of oven meals. Chances are you have a favorite which you cook along with a vegetable and baked dessert. Then your meal cooks out of sight! We want to know your most delicious casserole and also what you serve with it. Here are some ideas:

- ground-beef pie
- lamb oven stew
- macaroni-and-cheese bake
- tuna-noodle casserole
- deep-dish chicken pie
- ham-rice bake
- beef-vegetable casserole
- your family's choice

Custard desserts are spring favorites. Whether you fix them top of the range or in the oven, we want to know your very best recipe. To start your thinking, glance over these suggestions:

- sweet custard sauce
- caramel custard pudding
- custard-fruit treat
- frozen custard
- custard filling
- refrigerator custard dessert
- custard sponge cake
- floating island

Contest rules—

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "April Hearty Casseroles" or "April Custard Desserts."
2. Print your full name and address clearly in upper right corner of recipe page.
3. Give measurements in *level* cups, tablespoons, teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the history or origin of the recipe you submit.
6. All recipes submitted become the property of *Better Homes & Gardens.*
7. Entries must be postmarked by midnight, September 30.
8. Address the recipes you enter to 5409 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

(*See recipes on pages 107 and 108*)

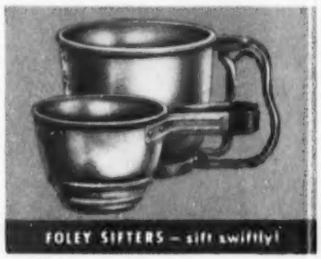
Cook-of-the-Month is Mrs. George F. Ay, Baltimore, Md.
Mrs. Barbara Barich, Van Nuys, Calif.
Mrs. J. A. Borg, Columbus, Ohio.
Mrs. Elmer Bruenger, Quincy, Ill.
Mrs. Jackson Gordon, Boston, Mass.
Mrs. A. F. Greco, Washington, D. C.
Mrs. Roy C. Helber, Red Bud, Ill.
Mrs. William Kath, Two Rivers, Wis.

Honor Roll:
Mrs. Minnie Buchanan, Long Beach, Calif.
Mrs. J. C. Chepard, New York, N.Y.
Mrs. L. L. Colcord, Erie, Pa.
Mrs. S. C. Elliot, Bridgeport, Conn.
Mrs. H. R. Flemming, Madison, Wis.
Mrs. J. J. Karavish, Dayton, Ohio.
Mrs. Fred S. Legner, Leland, Ill.
Mrs. Virgil Nelson, Minneapolis, Minn.
Mrs. Gladys Newman, Auburn, Wash.
Mrs. Frank Palmer, Delta, Ohio.
Mrs. William H. Ross, Jr., Winter Haven, Fla.
Mrs. Fred Shilzony, San Francisco, Calif.
Mrs. Bessie Toles, Colorado Springs, Colo.

You, too, can have the FINEST BAKING AIDS BY Foley®

Official equipment for contestants at
Pillsbury's GRAND NATIONAL
Bake-off

Framed, pre-shrunk pastry cloth will not slide. Dough will not stick. Bakings will be lighter. 8", 9" pie circles are indicated.
FOLEY PASTRYFRAME.....$1.98



Foley 1-cup Sifter. Cone-shaped, you can sift right into your measuring cup without scattering flour! You'll use it for small amounts and always for measuring flour as you sift.....$ .89

Foley 5-cup Sifter. You can sift large quantities so quickly and it comes apart to wash! The screen pops out for sudsing.....$1.49

Made of aluminum with spring-action handles, FOLEY Sifters are featherweight.

Ball-bearing action makes rolling dough quick, easy. Spins for a lifetime!
FOLEY BALL-BEARING ROLLING PIN, $1.98

Make Crumb Crusts Faster
with FOOD MILL by Foley®

FOOD MILL mashes potatoes, makes applesauce without coring or peeling apples, purées vegetables, sieves fruits. Cuts preserving time in half when making tomato juice, jams, fruit butters. Daily time-saver.
FOOD MILL.....$2.19

Free recipe booklet, "Foley Shortcuts with Favorite Foods". It's full of time-saving recipes. Write Foley Mfg. Co., 3211 5th St. N. E., Minneapolis 18, Minnesota

IT'S EASIER WITH Foley® UTENSILS!
MADE IN U.S.A.

ASK FOR FOLEY AT DEPARTMENT, HARDWARE, CHAIN, FOOD STORES

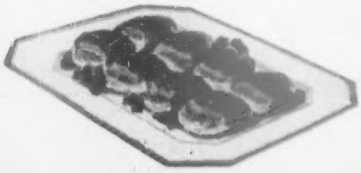
Now! A new spaghetti SAUCE full of tender BEEF

This Franco-American Sauce is RICH WITH BEEF yet costs about ½ as much as homemade!

Are you expert at making spaghetti sauce? Then you're sure to appreciate this ready-made sauce!

Like your own, it's a blend of red-ripe tomatoes, spices, a touch of garlic —plus *plenty* of beef.

So next time you want a real Italian-style meal, save yourself hours of work. Just cook spaghetti and serve it with Franco-American Sauce. It costs you about half as much as homemade sauce—less than 9¢ a serving!



CLEVER COOKS find uses galore for this zesty new sauce. Pour it piping hot over crispy-brown mashed potato cakes. Or coat slices of eggplant with egg, then with crumbs; brown in shortening, place in baking dish. Cover with Franco-American Spaghetti Sauce, sprinkle with Parmesan cheese and bake (400° F.) about 15 minutes.

NEW!

Franco-American SPAGHETTI SAUCE with MEAT

"Franco-American" is a trademark owned in the U. S. A. by Campbell Soup Company; in Canada by Campbell Soup Company, Ltd.

Cranberry Crunch Squares

- 1 cup quick-cooking rolled oats
- ¾ cup brown sugar
- ½ cup sifted enriched flour
- ½ cup moist shredded coconut
- ½ cup butter or margarine
- 1 1-pound can whole cranberry sauce
- 1 tablespoon lemon juice, fresh, frozen, or canned

Mix oats, brown sugar, flour, and coconut. Cut in butter until crumbly. Place half in 8x8x2-inch greased baking dish. Combine cranberry sauce and lemon juice. Place on top of mixture in baking dish. Top with remaining crumbs. Bake in moderate oven (350°) 40 minutes. Cut in squares and serve hot topped with vanilla ice cream. Makes 9 servings.

Mrs. Jackson Gordon, Boston, Massachusetts

Peach Upside-down Cake

Plan so this peachy dessert arrives at your table hot from the oven—

- 2 tablespoons melted butter or margarine
- 2 tablespoons brown sugar
- 1½ cups fresh or 1 No. 303 can (2 cups) sliced peaches, drained
- ⅓ cup shortening
- ½ cup sugar
- 1 egg
- ½ cup whole bran
- 1 teaspoon grated orange peel
- 1¾ cups sifted enriched flour
- 2 teaspoons baking powder
- ½ teaspoon salt
- ¼ teaspoon soda
- ½ cup orange juice
- ¼ cup milk

Mix butter and brown sugar in 8x8x2-inch pan; spread. Arrange sliced peaches in rows over mixture. Cream shortening and sugar; add egg and beat well. Add bran and orange peel. Sift flour, baking powder, salt, and soda; add alternately with orange juice and milk. Pour over mixture in pan. Bake in moderate oven (375°) 40 minutes. Cool 3 minutes. Turn out and *serve warm.* Makes 9 servings. *Mrs. J. A. Borg, Columbus, Ohio*

Golden Nut Torte

Good and chewy—try with ice-cream topper, too—

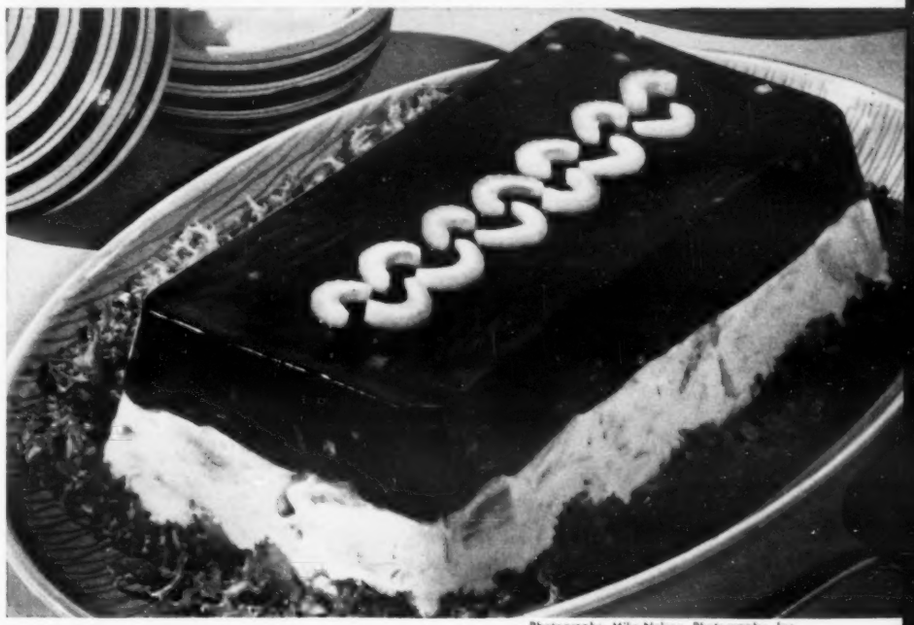
- 3 egg yolks
- 1 cup sugar
- 1 cup Grape-Nuts
- 1 teaspoon vanilla
- 1 teaspoon baking powder
- Dash salt
- 1 cup chopped California walnuts
- 3 stiff-beaten egg whites
- Whipped cream

Beat yolks till thick and lemon-colored. Gradually beat in sugar. Roll Grape-Nuts quite fine and add to yolk mixture; mix well. Add vanilla, baking powder, and salt. Stir in nuts. Fold in egg whites. Pour into greased 9x9x1½-inch pan. Bake in moderate oven (350°) 25 to 30 minutes. Cool. Cut in squares; serve with whipped cream. Makes 9 servings. *Mrs. Roy C. Helber, Red Bud, Illinois*

Better Homes & Gardens PRIZE TESTED RECIPES

Main-dish salads

for lunch or supper



Photographs: Mike Nelson, Photography, Inc.

Cranberry-top Chicken Loaf

- 1 tablespoon (1 envelope) unflavored gelatin
- ¼ cup cold water
- 1 1-pound can jellied cranberry sauce
- ½ cup orange juice
- ½ cup diced celery
- ¼ cup chopped pecans

• • •

- 1 tablespoon (1 envelope) unflavored gelatin
- ¼ cup cold water
- 1 cup hot chicken broth or bouillon
- ⅔ cup mayonnaise or salad dressing
- ½ cup evaporated milk
- ½ teaspoon salt
- 2 cups diced canned or cooked chicken

Layer I. Soften gelatin in cold water. Mash cranberry sauce; add orange juice; heat, stirring till sauce melts. Stir in gelatin. Chill till slightly set. Add celery and nuts. Pour into 9½x5x3-inch loaf pan; chill firm. *Layer II.* Soften gelatin in cold water; stir into broth. Chill till partially set. Blend mayonnaise, milk, salt, gelatin. Add chicken. Spoon over cranberry layer. Chill.—*Mrs. George F. Ay, Baltimore, Maryland.*

Big-boy Salad Bowl

It's hearty with salami, cheese, anchovies—certain to please the menfolks—

1 head lettuce
¼ pound salami, cubed
¼ pound Swiss cheese, cut in strips
1 2-ounce can (3 tablespoons) anchovies, chopped
½ cup sliced ripe olives
1 4-ounce can (½ cup) pimiento, chopped
2 tomatoes, cut in eighths

• • •

½ cup salad oil
3 tablespoons wine vinegar
½ teaspoon salt
Dash pepper
1 clove garlic, crushed

Break the lettuce into bite-size chunks. Combine lettuce, salami, cheese, anchovies, olives, pimientos, and tomatoes. In jar, combine oil, vinegar, salt, pepper, and garlic; shake well. Pour dressing over vegetables; toss. Makes 8 to 10 servings.

Mrs. Barbara Barich, Van Nuys, California

Fruited Tuna Salad

A dainty dish "the girls" will praise—

1 6½- or 7-ounce can (1 cup) white-meat tuna
½ cup drained pineapple tidbits
½ cup seedless grapes
½ cup diced celery
¼ cup chopped pecans
3 tablespoons thinly sliced stuffed olives
⅓ cup salad dressing or mayonnaise

Break tuna into chunks. Combine with remaining ingredients and mix lightly. Serve on lettuce. Garnish with lemon wedges and whole pecans. Makes 4 to 5 servings.

Mrs. Elmer Bruenger, Quincy, Illinois

Sausage-Potato Salad

Wonderful flavor! Try it next time the family begs you for potato salad—

5 medium potatoes
2 4-ounce cans Vienna sausages
Salt and pepper
⅔ cup chopped dill pickle
¼ cup finely chopped onion
1 teaspoon finely chopped parsley
½ cup mayonnaise or salad dressing
¼ cup dill-pickle juice

Cook potatoes in jackets in boiling, salted water till tender; drain. Slice sausages in rounds and brown slightly. Peel hot potatoes; slice thin; sprinkle with salt and pepper. Combine pickle, onion, and parsley; add to potatoes and toss lightly. Mix mayonnaise and pickle juice; add with sausage slices. Garnish with pickle strips. Serve warm. Makes 6 to 8 servings.

Mrs. A. F. Greco, Washington, D. C.

Better Homes & Gardens Prize Tested Recipes

Delicious desserts

featuring cereals

Lemon-blossom Cheese Cake

1½ cups crushed corn flakes
⅓ cup sugar
1 teaspoon cinnamon
½ cup melted butter or margarine
2 tablespoons (2 envelopes) unflavored gelatin
¼ cup cold water
2 egg yolks
½ cup milk
1 cup sugar
1 teaspoon salt
1 tablespoon grated lemon peel
2 cups dry, small-curd cottage cheese
⅓ cup lemon juice
2 teaspoons vanilla
2 stiff-beaten egg whites
1 cup heavy cream, whipped

Combine corn flakes, sugar, cinnamon, butter. Press onto bottom of 9-inch springform pan, reserving ½ cup. Chill 30 minutes. Soften gelatin in cold water. Combine yolks, milk, sugar, salt. Cook over low heat, stirring till mixture coats spoon. Stir in gelatin, lemon peel. Cool; beat well. Mix cheese, lemon juice, vanilla; add to gelatin. Fold egg whites into cheese mixture; fold in cream. Pour into crust. Sprinkle top with flake mixture. Chill 3 to 4 hours.—*Mrs. William Kath, Two Rivers, Wisconsin.*

CRISCO HAS NEWS FOR ALL WHO LOVE...YET FEAR FRIED FOODS!

Crisp, light, **Crisco-fried** foods are so digestible you can eat 'em 7 days a week!

New medical tests prove it! *Yes,* new tests by leading doctors and nutrition experts *prove* that foods fried light and right in Crisco are as completely digestible as if baked or boiled!

Look at crispy-brown potatoes fried in Crisco . . . or taste the delicate flavor of Crisco-fried chicken. Crisco-fried foods *look* and *taste* so light you *know* they'll "sit right" and be easy to digest!

Crisco is completely different from ordinary frying fats or drippings. Crisco is *entirely* vegetable. It's whiter, fresher, sweeter than any ordinary fat. Has no grease taste to "heavy-up" fried foods.

So fry away and fear no more! Use Crisco for fried foods you can eat 7 *days a week* without a worry!

CRISCO'S FRENCH FRIED POTATOES
(4 to 6 servings)

Cut 4 to 6 pared potatoes into strips ¼" thick. Fry in deep Crisco 365°F. (or when a one-inch square of bread browns in 60 seconds). Fry potatoes a few at a time, until cooked and brown (3 to 5 minutes). Drain on absorbent paper and season.

use Crisco
IT'S DIGESTIBLE!

Aah...a really new salad idea

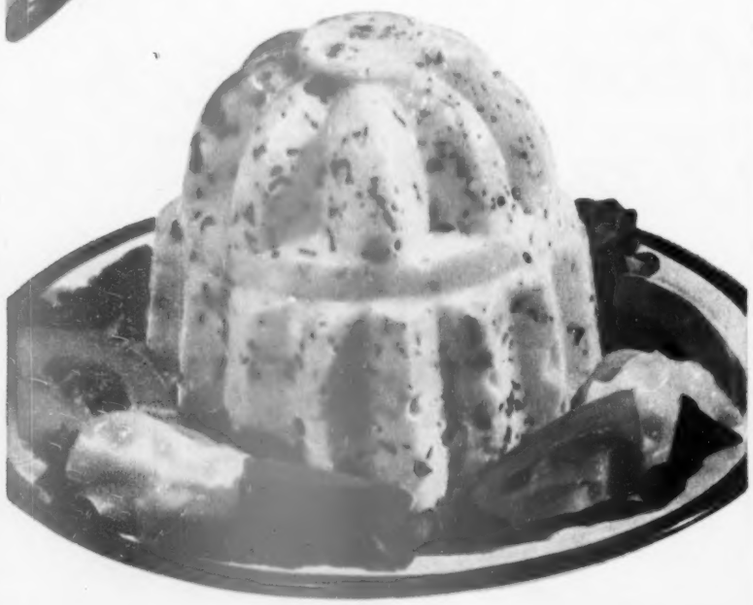
Cottage Cheese Soufflé Salad

1. Dissolve 1 package Lemon Jell-O in 1 cup *hot* water. Add ½ cup cold water, 1½ tablespoons vinegar, ½ cup Best Foods or Hellmann's *Real* Mayonnaise®, ¼ teaspoon salt, and dash of pepper. Blend well with rotary beater. Pour into refrigerator freezing tray.

2. Quick-chill in freezing unit (without changing control) 15 to 20 minutes, or until firm about 1 inch from edge but soft in center. Turn mixture into bowl and whip with rotary beater until fluffy.

3. Fold in 1 cup chopped raw spinach, ¾ cup cottage cheese, ⅓ cup diced celery, and 1 tablespoon chopped onion. Pour into individual molds. Chill until firm in refrigerator (*not* freezing unit) 30 to 60 minutes. Unmold and garnish with salad greens and tomato wedges. Serve with additional *Real* Mayonnaise. Serves 4 to 6.

...so smooth and light.



Whip some up tonight!

JELL-O IS A REGISTERED TRADE-MARK OF GENERAL FOODS CORPORATION

You couldn't ask for anything more tempting than Minty Grape Cooler. Mint leaves and ginger ale add lots of zingo to this gay fruit punch. Fix a pitcherful for your next garden party or for an afternoon "pick-me-up." Give each glass a sprigy mint bouquet

So refreshing with mint

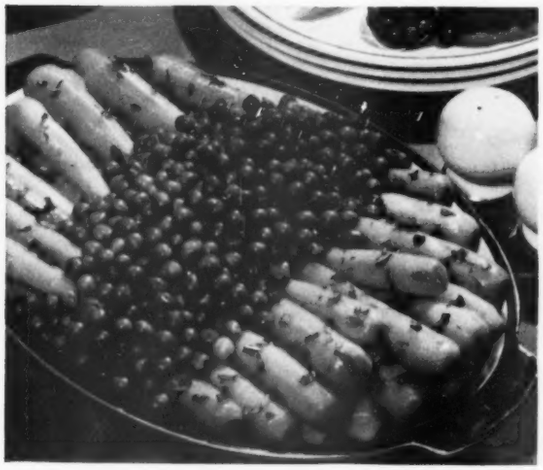
Let cool, green mint sprigs give their fragrant flavor to desserts and salads. Use mint in sparkling jelly, in delicious sauces for lamb or vegetables, in ice-cold drinks. Try our five *good* recipes.

Mint sprigs can have a frosty look, too. Just dip them in slightly beaten egg white, then in sugar; let dry slightly. Use as trim atop fresh-fruit salad.

Be sure to tuck in a mint bed in a corner of your garden. Rinse the sprigs and store in a plastic bag in your refrigerator. They'll stay fresh for several days.

Center your platter of lamb chops with Emerald-isle Jelly. It's fresh and bright as a garden after the rain, full of tingly mint flavor. This jelly cuts with a clean edge, is shimmering and tender, the way you like it. Serve it, too, with cold lamb or chicken slices

Looking for an easy, party-pretty salad for hot-weather meals? Try glistening, luscious Honeydew-Mint Molds. For a tasty luncheon, serve them with slices of your favorite cold meats and nut-bread sandwiches. Dessert: hot-fudge sundaes and cups of coffee



Here's a quickie to give these vegetables a Sunday-best taste. You'll like Minted Peas and Carrots with their butter and mint-leaf sauce. Try serving this dish with a fluffy cheese soufflé for your next luncheon. And certainly you'll want to fix this colorful vegetable pair to go with a broiled lamb-chop or leg-of-lamb dinner

Photographs: Nelson, Photography, Inc.

This is *the* sauce for lamb—deliciously mint flavored, sharp with vinegar. Let each person spoon Mint Sauce on his serving of lamb. Try a dash of this sauce in mayonnaise; serve with fruit salads

Recipes on page 256

The secret of this savory meat stew is—

RICH BEEF GRAVY

READY TO USE!

IMAGINE! A hearty beef stew for 4 from one cup of leftover meat!

Franco-American Beef Gravy makes this possible — and so tasty! You'll love Franco-American's rich brown color, and the good home-roasting-pan flavor that comes from fine, selected beef.

You'll like the way it helps you stretch a little meat into a man-size meal. Indeed, you'll want to keep it always on hand — to help you perform *mealtime miracles* every day... like this stew—

Put: **1 large onion, chopped**
1 clove garlic, mashed

in skillet and brown lightly in
2 tbsps. butter or margarine

Add: **1 can Franco-American Beef Gravy**
1 cup cooked, cubed beef
2 large carrots, quartered
2 medium potatoes, cubed
½ tsp. salt, dash of pepper

Cover. Simmer for about 30 minutes, till vegetables are tender and the rich beef gravy flavor is mingled all through. Then sprinkle with chopped parsley and serve with pride!

ALSO—

Use Franco-American Beef Gravy

- ★ **IN CROQUETTES** for added beef flavor
- ★ **WITH SLICED MEAT** for hot meat sandwiches
- ★ **OVER POTATOES OR NOODLES** for quick lunches for the youngsters
- ★ **WITH GROUND MEAT AND BISCUITS** for tasty and thrifty meat shortcake
- ★ **ADDED TO CHOPPED MEAT AND POTATOES** for Dad's favorite hash

READY ANY TIME... PERFECT EVERY TIME

Save all the HARD WORK

and cut the TIME * of hand beating...

* **Look at the time and trouble you save!** By actual test, it took the new G-E Mixer exactly 5 minutes to beat this rich chocolate fudge mixture—as against the 7 minutes, 1 second of hard work required for hand beating.

...with the NEW

G-E Triple-Whip Mixer

No more fatiguing hand beating! You need never again face this tiresome chore!

All the wonderful features of the new, more powerful General Electric Triple-Whip Mixer make a joy of the job you used to dread.

Speed Selector, with 12 tested mixing speeds, is at your fingertips—to give you the *right* power for each job.

Three beaters assure thorough mixing by beating from center to sides of bowl. They are easy to wash and dry, because they have no center shafts.

Uniform results are certain! Thanks to "controlled mixing," you can get your favorite recipe to come out the same each time you make it.

A handy juicer and two bowls (two- and four-quart) are included in price.

See this worksaver, *now,* at your local G-E dealer's. General Electric Co., Small Appliance Division, Bridgeport 2, Conn.

Built-in light shines down into bowl, spotlights whatever you're mixing. You can always see just how your mixture is coming along.

Instant Beater-release lets you remove the 3 beaters without tugging. Just turn the Speed Selector knob beyond the "Off" position.

GENERAL ELECTRIC

Pep up your salad with a new dressing

By Anne Sonopol

Mayonnaise+cranberries=Pink Cream Dressing

Here's a colorful topper for your fresh- or canned-fruit salad platter. To 1 cup mayonnaise, add 1 cup jellied cranberry sauce, and blend well. Whip ½ cup heavy cream; fold it in. Spoon this fluffy dressing generously over your serving of lush fruits. Next time you invite the girls to a buffet luncheon, treat them to this refreshing salad quickie

French dressing+diced egg=Duchess Dressing

Photographs: Mike Nelson, Photography, Inc.

A delicious dressing for tomato and cucumber salads. See our vegetable whirligigs. Topper is chopped celery and green pepper. To 1½ cups creamy French dressing, add 1 diced hard-cooked egg, 2 tablespoons each chopped green pepper and chopped pimiento, 2 teaspoons chopped parsley, ½ teaspoon onion juice. Good on tossed salads, too

Once in a while it's fun to give the excellent commercial salad dressings a few touches of your own for extra zip. This way the salad bowl or platter becomes *your* special creation! It's simple "arithmetic." Look below.

We tell you how to start with mayonnaise, French dressing, salad oil and vinegar, or sour cream—then add a few twists for surprise flavors and delightful blends. Take off on these ideas to find new discoveries in the salad course. There are lots of others. Let your imagination soar!

You'll want to have a large collection of salad ideas on hand for every season and occasion. We give basic amounts for the dressings; double or triple them, if you like. See how a salad with a new dressing adds a new twist to your menus.

Oil+vinegar+fresh vegetables=Zippy Dressing

Plenty of punch—just right on a vegetable salad. In jar or blender, put ½ cup salad oil; 3 tablespoons vinegar; ½ small Bermuda onion, chopped; 2 tablespoons minced parsley; 1 tablespoon minced green pepper; 1 teaspoon each confectioners' sugar, salt, dry mustard; ½ teaspoon red pepper. Cover; set aside 1 hour; shake for 5 minutes

Sour cream+ripe olives=Western Jewel Dressing

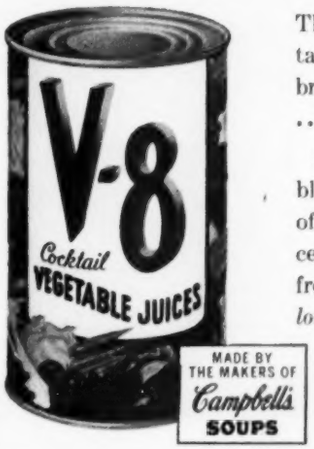
It's cool, refreshing, and ideal for a platter of "select-it-yourself" salad vegetables. To 1 cup sour cream, add 1 cup finely chopped ripe olives; 2 teaspoons each sugar and lemon juice (fresh, frozen, or canned); ¼ teaspoon celery salt; dash salt. Mix thoroughly; chill

More recipes and salad clues on page 128

Drink to your health

It's a pleasure!

V-8* gives you the lively taste and nourishment of 8 garden-fresh juices



This delicious blend of juices, so lively to taste, so rich with vitamins and minerals, brings you the pleasure of garden-fresh flavor ... whenever and wherever you want it!

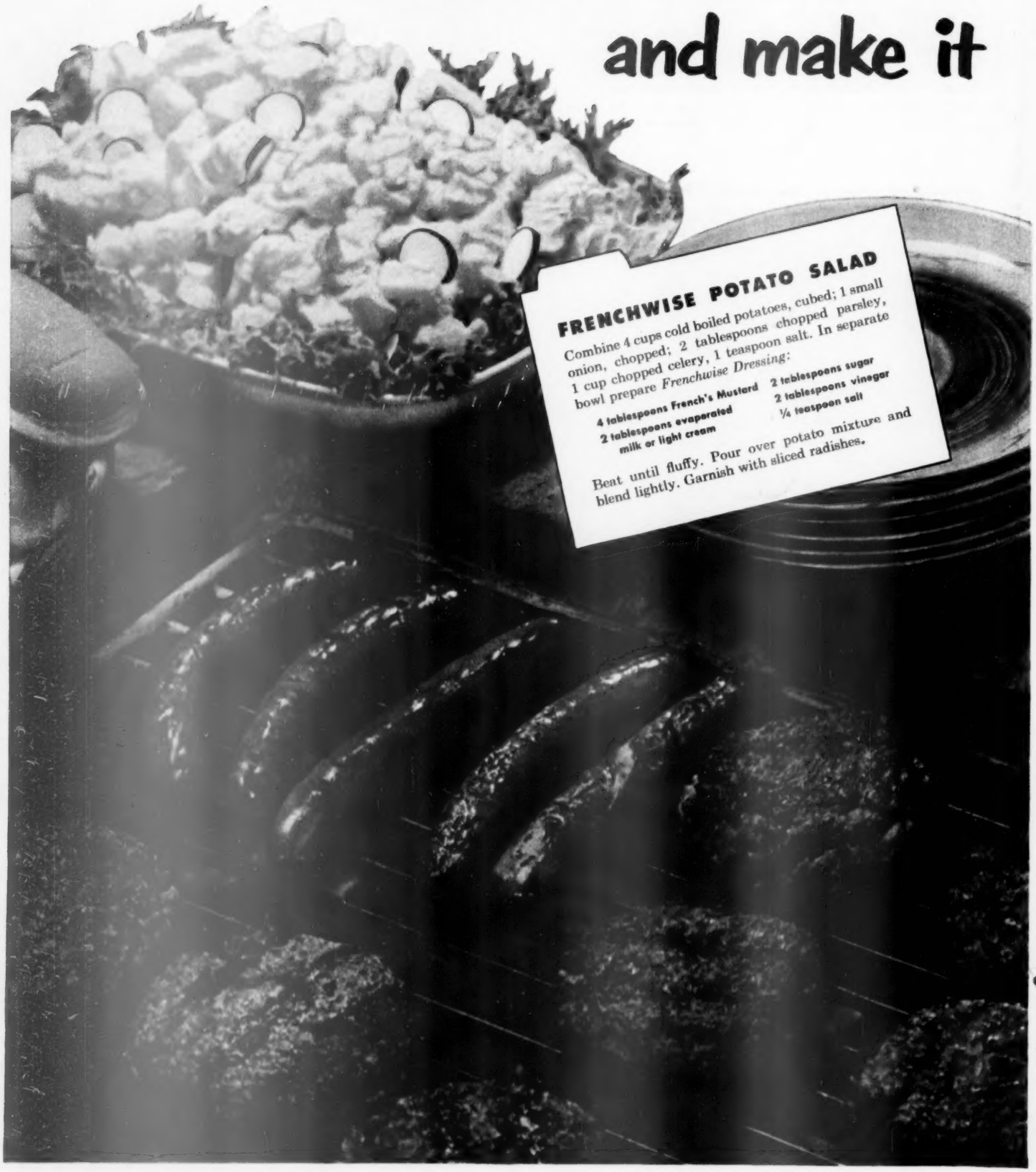
For V-8 is a blend of the *choicest* vegetables from summer gardens—the pure juices of tomatoes, carrots, beets, spinach, parsley, celery, watercress, and lettuce. Enjoy this fresh-tasting, low-calorie drink. Children *love* it—grownups drain the glass, too!

***V-8 Vegetable Juices is a delicious blend of 8 juices in one drink.**

*V-8 is a trademark owned by the makers of Campbell's Soups

Let's have a

and make it



FRENCHWISE POTATO SALAD

Combine 4 cups cold boiled potatoes, cubed; 1 small onion, chopped; 2 tablespoons chopped parsley, 1 cup chopped celery, 1 teaspoon salt. In separate bowl prepare *Frenchwise Dressing:*

4 tablespoons French's Mustard
2 tablespoons evaporated milk or light cream
2 tablespoons sugar
2 tablespoons vinegar
¼ teaspoon salt

Beat until fluffy. Pour over potato mixture and blend lightly. Garnish with sliced radishes.

Barbecue twice as tasty... with French's

Musts for your barbecue parties are French's golden rich Mustard and French's savory Worcestershire Sauce. French's adds a zesty flavor to meats, salads, sandwiches. No wonder good backyard chefs prefer French's!

FRENCHWISE BARBECUE SAUCE

- 2 tablespoons butter or margarine
- 1 medium onion minced (or 1 tablespoon French's Onion Flakes)
- 1 small green pepper minced (or 1 tablespoon French's Pepper Flakes)
- 2 tablespoons brown sugar
- 2 tablespoons French's Prepared Mustard
- 1 tablespoon French's Worcestershire Sauce
- 1 teaspoon salt
- 3/4 cup ketchup

Crush flakes if used. Combine ingredients and simmer 15 minutes. Yield: 8 servings.

Color Photo by Victor Keppler

Look!

Your Own Handbook on Outdoor Barbecuing!

The R. T. French Co.
1841 Mustard St., Rochester 9, N. Y.

Enclosed is 10¢ in coin. Please send me "Let's Have A Barbecue"—your new booklet of wonderful barbecue recipes and illustrated plans on how to build outdoor grills.

Name_____

Address_____

City_____ State_____

Home Canning Pointers

by Suzina Ball

TOMATOES AND PEACHES ARE TOPS in home-canning popularity, because they're so *easy* to can and so *good*. Put up plenty while their cost is low and flavor most delicious. Your family will EAT BETTER FOR LESS all year!

New Jar Time
When last year's jars are all filled (or discarded because of nicked top edges) it's time for new jars. Get the best: Ball DOME Mason Jars, the *only* jars that come with Dome Lids.

Wipe That Lip!
Be sure to wipe the jar top clean after filling and before sealing. This allows the inner sealing ring of the Dome Lid to make an even contact all around.

Three Ways Better

Why are Ball DOME Lids *first* with home canners? For three big reasons. 1, Ends "guesswork sealing." Dome clicks down as jar cools; then a glance or touch tells you the jar is sealed. 2, Firm RED rubber seal. 3, Cream-white ENAMEL LINING—extra protection. Yet Dome Lids cost no more than lids *without* these features!

Wide and Handsome

Whole fruit and tomatoes are most easily packed in wide-mouth jars. In fact some folks prefer to use jars with the larger opening for all their home canning. Ball makes wide-mouth Dome Lid Jars in pint, quart and half-gallon sizes.

Ball Blue Book—new edition
Just off the press. Most complete, useful home-canning handbook ever published! Illustrated methods, timetables, over 300 recipes. Send 25¢ in coin to BALL BROTHERS CO., Dept. BH93, Muncie, Ind.

Ball Home Canners' FIRST CHOICE!

© 1953, BALL BROS. CO.

Your picture recipe for

Chocolate-walnut cookies

The recipe for these easy drop cookies, rich with chocolate and crisp nuts, is one to *treasure*. Cookies are topped off with creamy frosting, a big walnut. Below: 1-2-3 from mixing bowl to cooling rack

Photographs: Mike Nelson, Photography, Inc.

1 Cream ¼ cup butter and ¼ cup shortening; add ¾ cup sugar gradually. Beat well. Beat in 1 egg.

Stir in two 1-ounce squares unsweetened chocolate, melted. Add 1¾ cups enriched flour, sifted with ½ teaspoon soda and ½ teaspoon salt, alternately with ½ cup milk.

Mix. Stir in 1 teaspoon vanilla, ½ cup chopped California walnuts.

2 Drop cooky dough by teaspoonfuls onto ungreased baking sheet. Leave 2 inches in between.

Neat way to get cookies all the same size is to push the dough off teaspoon as shown. Bake in hot oven (400°) about 8 to 10 minutes.

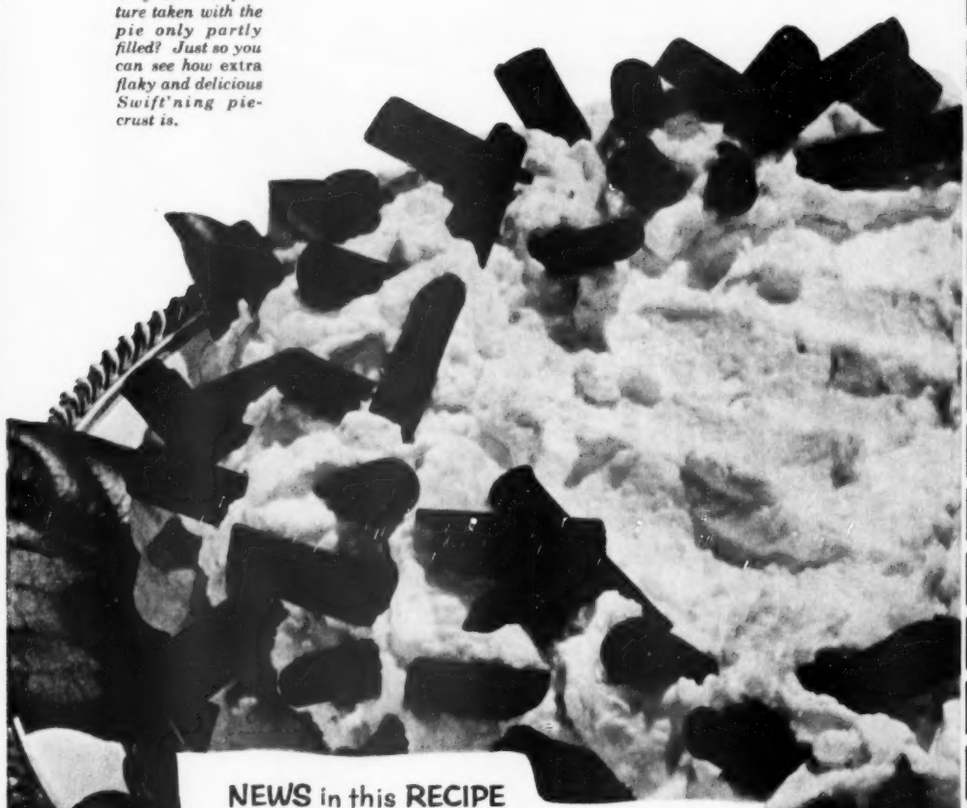
Recipe makes 3 dozen cookies. They'll come out plump, with rich chocolate color, *wonderful* flavor.

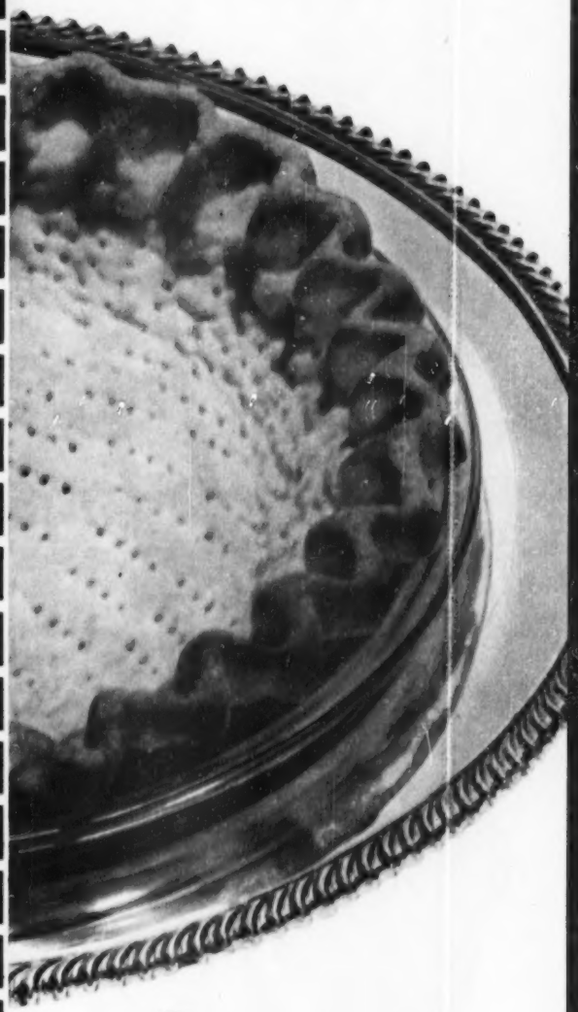
3 Slide cookies onto cooling rack. While they cool, stir up the Frosting: Add enough top milk or cream to 2 cups sifted confectioners' sugar to make an easy-spreading frosting. Add a dash of salt and 1 teaspoon vanilla.

Drop 1 teaspoon frosting onto center of each cooky; swirl it with your spatula. Top each with a nut.

Luscious fillings get "ohs" and "ahs"—but the piecrust proves the cook!

Why was this picture taken with the pie only partly filled? Just so you can see how extra flaky and delicious Swift'ning piecrust is.





NEWS in this RECIPE

MARTHA LOGAN HAS AN EASY TRICK THAT MEANS SUCCESS!

FLAKY SWIFT'NING PIECRUST

Yield: One 9" pie shell

1½ cups sifted flour
1 teaspoon salt
½ cup Swift'ning
2 to 3 tbsp. water

Combine flour and salt. Cut in Swift'ning until mixture is consistency of corn meal. Sprinkle with cold water, a little at a time, over different parts of mixture, tossing lightly with a fork. Use as little water as possible, just enough to dampen flour mixture.

Now for that special trick . . . *Put dough on waxed paper. Press gently with the paper into a ball and let stand at room temperature for 15 to 20 minutes.* That's all there is to it. Yet this simple trick of "resting" the dough helps even beginners to success.

On lightly floured cloth, roll dough ⅛" thick to fit 9" pan. Fit into pan; *do not stretch dough.* Flute edge; prick with a fork in several places. Bake in a very hot oven (450° F.) 12 to 15 min.

The party-pretty pie shown here has a chocolate filling. It's topped with whipped cream flavored with mint extract and tinted palest pink. The border? Shavings of semi-sweet chocolate.

Only Swift'ning gives you such flaky, tender piecrust *plus* such light, rich cakes *plus* such delicious fried foods *plus* so much nutrition! And remember—

SWIFT'NING IS THE MOST DIGESTIBLE SHORTENING YOU CAN BUY!

Swift'ning*

will make yours flakier than any other shortening...and more digestible, too

Listen to Don McNeill's Breakfast Club ABC radio, weekday mornings.

*Swift'ning is the trade-mark for Swift & Company's Shortening.

the big sweet ones *with the thin skins*

Our pea story is short and sweet. Carefully selected seed is planted in specially prepared soil. There peas grow to full size while still tender, thin-skinned babies. Then they're *picked and packed at the fleeting moment of perfect flavor*—that magical moment of sweetness that comes just once to every pea. Green Giant Brand peas. Sweethearts of the Pea World. How about a dinner date tonight?

Green Giant Company, headquarters, Le Sueur, Minnesota; Fine Foods of Canada, Ltd., Tecumseh, Ontario
"Green Giant" Brand Reg. U. S. Pat. Off. © GGCo.

Meals in minutes

Begins on page 92

Luncheon-meat Roast

Next time you're in a hurry to get dinner ready, serve this hearty fare—

2 12-ounce cans luncheon meat
Orange marmalade

Cut each block of meat diagonally. Place on baking sheet longest side down. Spread with orange marmalade. Bake in moderate oven (375°) 20 minutes or till glazed. Arrange the 4 triangles of meat in pin-wheel fashion on platter with hot vegetables. Center with parsley. Makes 8 servings.

Almond-crunch Sweet-potato Balls

Almond-coated "porcupines" that go so nicely with baked ham—

4 cups mashed, cooked or canned sweet potatoes
2 teaspoons salt
Milk
1 beaten egg
¾ cup blanched, slivered almonds

Combine the sweet potatoes and salt. Add just enough milk (about 2 tablespoons) to make mixture soft, easy to handle. Shape in 16 2-inch balls. Dip in egg; roll in slivered almonds. Fry balls in deep hot fat (375°) until golden brown. Drain on paper towels. Makes 8 servings.

Spinach Salad Bowl

6 cups shredded fresh spinach
1½ cups sliced radishes
¾ cup sliced green onions
Salt

Arrange spinach, radishes, and onions in salad bowl; sprinkle with salt; pour over ½ cup Tomato Dressing. Toss together lightly. Makes 6 servings.

Tomato Dressing: Combine 1 cup salad oil, 1 cup vinegar, 1 tablespoon Worcestershire sauce, 1 can condensed tomato soup, 1 small onion, grated, 1 clove garlic, grated, 1 to 2 tablespoons sugar, 1 teaspoon salt, 1 teaspoon dry mustard, 1 teaspoon paprika. Beat thoroughly. Makes about 1 quart.

Henny Penny Pie With Relish Biscuits

A delicious mainstay. The kiddies will go for the "chicken" biscuits—

½ cup chopped celery
½ cup small whole onions
2 cups canned chicken broth or consommé (or 2 chicken-bouillon cubes dissolved in 2 cups boiling water)
¼ cup enriched flour
3 6- or 8-ounce cans (about 3 cups) boned chicken, cut in pieces
½ cup canned sliced, broiled mushrooms, drained
¼ cup chopped pimiento
3 tablespoons chopped parsley
1 tablespoon lemon juice, fresh, frozen, or canned
½ teaspoon salt
Dash pepper

Cook celery and onions in small amount of boiling salted water; drain. Heat 1½ cups of the broth to boiling. Blend flour with remaining ½ cup cold broth; stir into hot broth. Cook until thick and smooth, stirring constantly. Add chicken, mushrooms, pimiento, parsley, lemon juice. Add salt and pepper to taste. Pour mixture into 8x8x2-inch casserole. Top with **Relish Biscuits:** Combine 2 cups packaged biscuit mix, dash paprika, 2 tablespoons grated raw carrot, 1 tablespoon minced green pepper, and 1 tablespoon minced parsley in a bowl. Add milk according to directions on package; stir. Turn onto floured surface and knead 6 times. Roll ½ inch thick. Cut with chicken cooky cutter and arrange biscuits on hot chicken mixture. Bake in moderate oven (375°) until biscuits are brown, 25 to 30 minutes. Makes 6 to 8 servings.

Cucumber Molds

It waits in your refrigerator, cool and pretty—

1½ tablespoons (1½ envelopes) unflavored gelatin
¼ cup cold water
1 No. 2 can (2½ cups) crushed pineapple
2 medium cucumbers
¼ cup lemon juice, fresh, frozen, or canned
2 tablespoons sugar
¼ teaspoon salt
Few drops green food coloring

Soften the gelatin in cold water. Drain pineapple; save syrup. Pare cucumbers; put through food chopper. Save juice; add to it the lemon juice and enough pineapple syrup to make 1½ cups. Heat to boiling. Dissolve gelatin in hot mixture. Add sugar, salt, and a few drops green food coloring. Chill till partially set. Stir in pineapple and cucumber. Pour into 6 individual molds. Chill. Unmold.

Candied Squash Crescents

The perfect accompaniment for your next pork-chop dinner—

2 2-pound acorn squash
⅓ cup butter or margarine
¼ cup sugar

Cut squash in half and remove seeds and fiber. Slice each half into rings about ½ inch thick. Cut rings in half to form crescents. Melt butter in skillet. Add squash and sprinkle with 1 teaspoon salt. Cover tightly and cook over moderate heat 5 minutes. Turn slices and sprinkle with sugar. Cook uncovered 10 to 15 minutes or until squash is tender and very lightly browned. Makes 6 to 8 servings.

Gentlemen's Choice Salad

Another time serve this with your best Thousand Island dressing—

Leaf lettuce
1 head lettuce
1 cup diced cucumber
1 green pepper, cut in strips
1½ cups canned-ham strips
¼ pound Swiss cheese, cut in strips
3 hard-cooked eggs, cut in eighths
2 tomatoes, cut in half slices

Line salad bowl with leaf lettuce. Break head lettuce into bite-size pieces; add with remaining ingredients. Serve with **Tangy French Dressing:** Combine 1 cut clove garlic, ½ teaspoon salt, dash pepper, 3 tablespoons vinegar, 1 table-

[Turn to next page

"My BarcaLounger made me miss the big Fight!"

The true experience of Benjamin Harrison Hample of Buffalo

New Patented Model 515 Decorator Series. Head-roll flips back out of sight when not in use.

"My son gave me a BarcaLounger," says Mr. Hample, "just in time for the big heavyweight battle. I turned on the TV, sat down, leaned back and relaxed. Ah-h-h! It felt good. Supported me just where I needed it—back of the neck, small of the back, under the knees and ankles. Next thing I knew my wife was saying, 'Come on, dear, the fight's over. Time to go to bed!' I'd missed the whole fight, but I never slept so sound as I did that night!"

You have to try a BarcaLounger yourself to believe it. The secret is Barcalo's new, improved "Floating Comfort." Back-rest, seat and leg-rest are synchronized to give your body *automatically balanced* support from sitting to full reclining. All you do is lean back!

The BarcaLounger is no gadget. It's a fine piece of furniture, built to traditional fine-furniture standards. You'll be proud to live with it in your bedroom, library or living room.

Give Father a BarcaLounger . . . and the whole family will enjoy it for years to come! You can steal a catnap in it after the dishes . . . rest in it after meals or exercise . . . relax in it before bedtime. See it and sit in it today! It comes in sizes to fit everybody. At leading department and furniture stores. Write for FREE illustrated booklet and name of nearest dealer. Barcalo Manufacturing Company, Dept. B9, Buffalo 4, New York.

RELAX IN THE ONE AND ONLY

BarcaLounger

PATENTED

Copr 1951, Barcalo Mfg. Co. In Canada T. EATON CO.

Model 275-R-1 BarcaLounger in Luggage Tan genuine top grain leather. Also in long-wearing plastics and handsome decorator fabrics.

This 270-S-1 BarcaLounger is finished in gold-threaded Forest Green tweed. Available in many other attractive fabrics including nylon.

Patented Model 505 Decorator Series. Modern, graceful styling. Shown in nubby textured mohair frieze. Choice of many fabrics and colors.

Meals in minutes

Continued from preceding page

spoon horse-radish, ½ teaspoon Worcestershire sauce, 2 drops Tabasco sauce, and ½ cup salad oil in jar. Cover and shake well. Makes ¾ cup.

Sausage 'n' Peach Special

A dash of chili sauce does the trick—

Drain liquid from 1 No. 2½ can (3½ cups) peach halves. Sprinkle each peach half with ¼ teaspoon brown sugar. Broil 3 inches from heat for 5 minutes. Put ½ teaspoon chili sauce in center of each peach half and top with 2 Vienna sausages. Broil 8 to 10 minutes more. Makes 6 to 8 servings.

Cranberry Upside-down Cake

A tart, rosy treat that's a snap to make. Bet you have all three ingredients in the house right now—

- 1 1-pound can whole-cranberry sauce
- ¼ cup orange juice
- 1 package white-cake mix

Combine cranberry sauce and orange juice. Spread the cranberry mixture in the bottom of a greased 9x9x2-inch pan. Prepare cake mix according to the directions on the package. Pour batter evenly over cranberry mixture. Bake in moderate oven (375°) 40 to 50 minutes. Allow cake to cool in pan for 30 minutes before turning out.

Concord-grape Pie

The rich topper makes it extra luscious—

- 3½ cups Concord grapes
- 1 cup sugar
- ¼ cup enriched flour
- ¼ teaspoon salt
- 1 tablespoon lemon juice, fresh, frozen, or canned
- 1½ tablespoons melted butter or margarine
- 8-inch unbaked pastry shell

Wash grapes. Slip skins from grapes; set skins aside. Cook pulp until soft; press through sieve to remove seeds. Combine flour and salt; add skins. Add lemon juice, butter, and grape pulp. Pour into pie shell. Sprinkle **Crumb Topping** over: Sift together ¾ cup sifted enriched flour and ½ cup sugar. Cut in ⅓ cup butter or margarine until crumbly. Sprinkle over pie. Bake in very hot oven (450°) 10 minutes; then reduce heat and bake in moderate oven (350°) 25 minutes.

Plain Pastry

- 1½ cups sifted enriched flour
- ½ teaspoon salt
- ½ cup shortening
- 4 to 5 tablespoons cold water

Sift together flour and salt; cut in shortening with a pastry-blender or blending fork until pieces are the size of small peas. Add water by teaspoons, tossing with a fork until all the flour-coated bits of fat are barely dampened. Turn mixture onto a square of waxed paper. Gather up corners, pressing from outside to form compact ball. Chill dough for easier handling. Roll pastry ⅛ inch thick on lightly floured surface. Fit pastry loosely into piepan. Let pastry extend ½ inch beyond rim and turn under. Flute edge by using right forefinger to press pastry between the thumb and forefinger of left hand.

Corned-beef Cups

- 2 tablespoons minced onion
- 2 tablespoons butter or margarine
- 1 1-pound can corned-beef hash
- 1 No. 303 can (2 cups) whole kernel corn, drained
- ⅓ cup catsup
- 2 beaten eggs
- 2 tablespoons chopped sweet pickle
- 2 tablespoons chopped green pepper
- 1 teaspoon salt
- 2 teaspoons prepared mustard
- Stuffed-olive slices

Cook onion in butter until tender but not brown. Break up the corned-beef hash; combine with remaining ingredients except olives. Place an olive slice in the bottom of each of 6 greased custard cups. Fill with meat mixture. Bake in moderate oven (350°) 45 minutes. Makes 6 servings.

Almond Dainties

- ½ cup butter or margarine
- 1 cup brown sugar
- 1 beaten egg
- ½ teaspoon vanilla
- 1¾ cups sifted cake flour
- 1 teaspoon baking powder
- ¼ teaspoon salt
- ½ cup ground, blanched almonds

Thoroughly cream butter and brown sugar. Add egg and vanilla; mix well. Sift together flour, baking powder, and salt; blend with creamed mixture. Stir in almonds. Chill. Roll very thin on lightly floured surface; cut. Bake in moderate oven (350°) 8 to 10 minutes. Makes about 5 dozen.

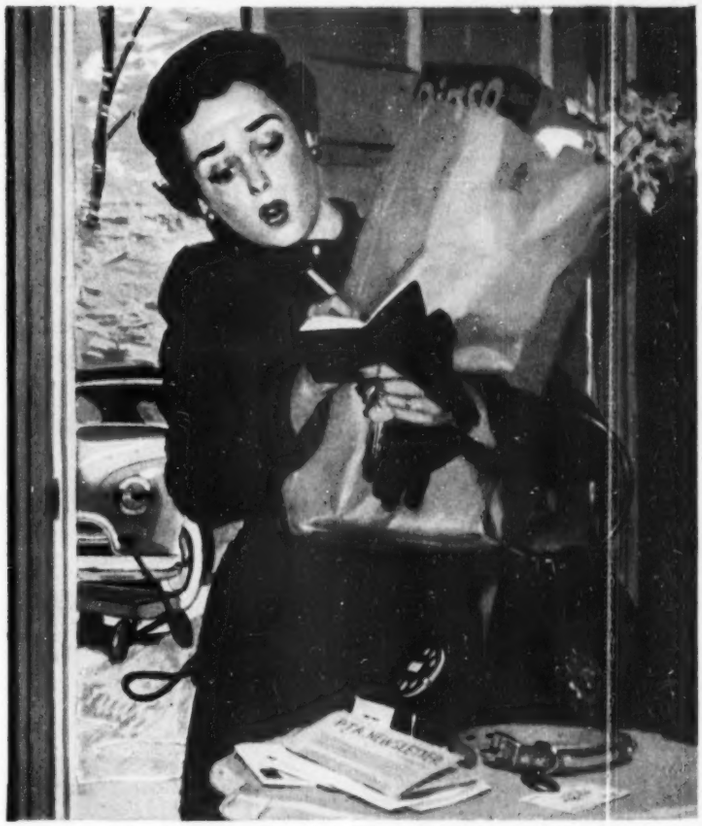
BEFORE AND AFTER

"I think it's just fascinating the way you handle this car in traffic."

"You're driving too fast—watch that truck—this is where we turn."

To the Woman who's "too busy to Bake!"

With these modern short-cuts it is so easy to make a real home-baked cake. New time-saving One-Bowl Method *only possible* because Spry is HOMOGENIZED



"—they're coming for dinner—tonight!"... Why worry? Use Spry short-cuts and you'll have plenty of time!

WITH SO MUCH *more* expected of women—and so *many* outside interests—it takes a lot of clever planning today to keep a family healthy and meal-happy. You simply *have to* find time-saving methods.

Perhaps, *you've* been so busy, you haven't discovered Spry's speedy One-Bowl Method—*only possible* because Spry is *Homogenized*—"pre-creamed" to blend *quickly* and *thoroughly* with other ingredients. By using Spry's One-Bowl Method, you can actually put together—in a matter of minutes—a cake with that *unmatched home-baked taste.*

And since Spry is 100% pure shortening, you always get the full flavor of your ingredients. Spry's special "cake-improver" assures you of higher, lighter cakes. In fact, Lever Brothers guarantees the quality and performance of Spry.

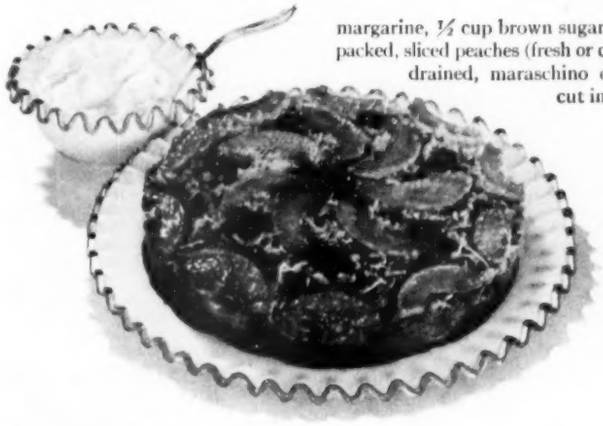
To help make *your* time count, Lever House Home Economists have worked out these special recipes. *Happy baking!*

"1-2-3" Pecan Loaf: Easy as 1-2-3! One baking can keep you in dinner or lunchbox desserts several days. The rich orange frosting is extra easy because it's uncooked. Pure Spry makes frostings extra creamy.

Ingredients: 2 cups sifted cake flour, 1 cup plus 2 tablespoons sugar, 2¼ teaspoons double acting baking powder (or 3¼ teaspoons tartrate powder), ¾ teaspoon salt, ½ cup Homogenized Spry, ¾ cup milk, 1 teaspoon vanilla, ½ teaspoon orange extract, 2 eggs, unbeaten, ½ cup pecans, chopped very fine.

Follow One-Bowl Method (right). Stir in pecans at end of third step. Bake in Sprycoated loaf pan 9" x 5" x 3" in moderate oven (350°F.) 1 hour and 10 min. Cool.

ORANGE CREAM FROSTING: Blend 2 tablespoons Homogenized Spry, 1 tablespoon butter or margarine, ⅛ teaspoon salt, ½ teaspoon grated orange rind, 1 tablespoon orange juice. Beat in ½ cup sifted confectioners' sugar; add 1 tablespoon orange juice. Add 2½ cups sifted confectioners' sugar, alternately with scalded light cream (about 3½ tablespoons), beating well after each addition. Spread on cake. Decorate with thinly sliced pecan halves.



"Upsy-Daisy" Peach Cake: Upside-down cakes are such time-savers because the topping is finished when cake comes out of the oven! Peaches, coconut and cherries make this exciting variation. Bake it while you're getting dinner; serve warm.

Ingredients for topping: 2 tablespoons Homogenized Spry, 2 tablespoons butter or margarine, ½ cup brown sugar, firmly packed, sliced peaches (fresh or canned), drained, maraschino cherries, cut in halves, ½ cup shredded coconut. Melt Spry and butter in Sprycoated 9" round layer pan 1½" deep. Add brown sugar and mix. Place on low heat and cook until mixture is blended and bubbly. Arrange 7 peach slices to simulate daisy in center of pan, and, with more slices, form a scalloped edge . . . Place cherries in center of "flower" and between tips of "petals." Sprinkle coconut over all. Let stand while making the cake batter.

Ingredients for batter: 1¼ cups sifted cake flour, ⅔ cup sugar, 2 teaspoons double acting baking powder (or 2½ teaspoons tartrate powder), ½ teaspoon salt, ⅛ cup Homogenized Spry, ½ cup milk, ½ teaspoon almond extract, ½ teaspoon orange extract, 1 egg, unbeaten.

Follow One-Bowl Method adding all of milk and extracts in Step 2. Beat 150 strokes in each step. Omit Step 4. Pour batter over peach mixture in pan. Bake in moderately hot oven (375°F.) 35-45 min. Loosen cake from sides of pan; turn out on rack upside down.

The modern Short-cut to Better Baking

Spry's Easy One-Bowl Method

1 Sift dry ingredients into mixing bowl. Drop in Homogenized Spry. No separate creaming needed—Spry is *pre-creamed.*

2 Add ⅔ of milk, then flavoring extracts, and beat 200 strokes (2 min. by hand or on mixer at low speed).

3 Scrape bowl and spoon or beater. Add remaining milk and eggs and beat 200 strokes (same as before).

4 Rub pans with Spry pancoat (½ cup Spry mixed with ¼ cup flour). Make ahead; store (covered) in cupboard.

The trick in all these is a cream cheese...

An appetizer you can whip together in a rush . . . a dessert that will thrill your "pie-guy" . . . can't-fail fudge the youngsters can make in 15 minutes . . . a dream of a cake frosting . . . plain baked potatoes turned into a gourmet's delight!

You'll do all of these tricks—and more, too . . . with a cream cheese! But it must be the freshest, richest-tasting cream cheese you can buy—genuine Philadelphia Brand, made only by Kraft.

The half-pound size of this famous cream cheese is really a "package of treats" to keep in your refrigerator regularly, ready for *all kinds* of grand "eats". The 11 recipes at the right give you ideas for everything from breakfasts to midnight suppers.

BACON PINWHEELS

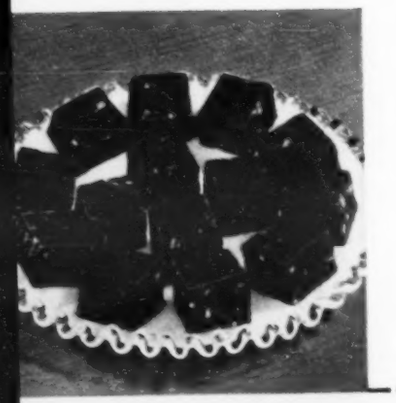
1 loaf fresh unsliced white bread
½-lb. pkg. Philadelphia Brand Cream Cheese
8 slices bacon

Remove the lower crust from the bread. Cut 4 thin slices the full length of the loaf. Trim the crusts. Spread each slice with cream cheese softened at room temperature. Roll up like a jelly roll, cut each roll in half crosswise, and wrap a strip of bacon around each pinwheel, securing it with two toothpicks. Toast the pinwheels under low broiler heat, turning often to cook the bacon. 8 pinwheels.

SUPREME CHEESE CAKE

18 zwieback
2 tablespoons Parkay Margarine or butter
2 tablespoons sugar
* * *
½ cup sugar
2 tablespoons flour
¼ teaspoon salt
2 ½-lb pkgs. Philadelphia Brand Cream Cheese
1 teaspoon vanilla
4 eggs
1 cup cream

Roll the zwieback into crumbs; blend with the margarine or butter and two tablespoons of sugar, and press onto the bottom of a 9-inch spring pan. Blend the ½ cup of sugar with the flour, salt, and the cream cheese softened at room temperature. Add the vanilla. Add the egg yolks, one at a time, mixing well after each yolk is added. Add the cream and blend thoroughly. Fold in the stiffly beaten egg whites, and pour the mixture on top of the crumbs. Bake in a very moderate oven, 325°, for 1 hour, or until "set" in the center. Cool before removing the rim of the pan. Do not invert. Serves 8 to 10.



CHOCOLATE "PHILLY" FUDGE

6 level tablespoons Philadelphia Brand Cream Cheese
2 cups sifted confectioners' sugar
2 one-oz. squares unsweetened chocolate, melted
¼ teaspoon vanilla
Dash of salt
½ cup chopped pecans

Place the cream cheese in a bowl and cream it until soft and smooth. Slowly blend the sugar into it. Add the melted chocolate. Mix well. Add vanilla, salt and chopped pecans and mix until well blended. Press into a well-greased shallow pan. Place in refrigerator until firm (about 15 minutes). Cut into squares. (For slightly softer fudge blend in 1 teaspoon of cream.)

SAVORY SCRAMBLED EGGS

6 eggs
5 tablespoons milk
3 tablespoons Parkay Margarine or butter
Salt, pepper
½ of a ½-lb. pkg. Philadelphia Brand Cream Cheese
Toast points
6 broiled bacon strips

Beat the eggs in the top of a double boiler; add the milk, margarine or butter, and seasonings. Cook very slowly over hot water, stirring constantly, until the eggs begin to thicken. Add the cream cheese, broken into pieces. Continue cooking very slowly, stirring occasionally, until the eggs are done. Serve each portion with toast points and a bacon strip. Serves 6.

ASPIC RING SALAD

2 envelopes gelatin
1 quart tomato juice
½ teaspoon onion juice
Salt, pepper
½ cup Miracle Whip Salad Dressing
½-lb. pkg. Philadelphia Brand Cream Cheese
1 cup chopped celery
1 tablespoon chopped pimento
1 tablespoon chopped green pepper
½ cup chopped pecans
1 teaspoon lemon juice
2 teaspoons gelatin
¼ cup cold water
Lettuce

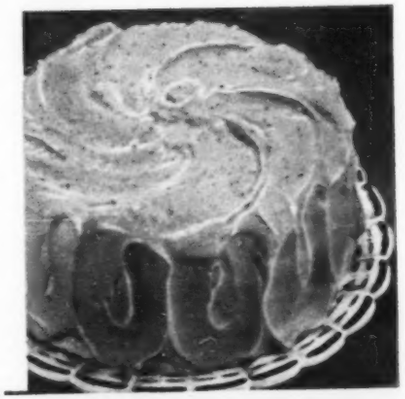
Soften 2 envelopes of gelatin in 1 cup of cold tomato juice. Dissolve it over hot water, and add to the remaining cold tomato juice, with the onion juice and seasonings. Pour half of it into a 2-quart ring mold and chill until firm.

Blend the ½ cup of salad dressing into the cream cheese. Add the celery, pimento, green pepper, pecans, lemon juice, and the 2 teaspoons of gelatin softened in the cold water and dissolved over hot water. Spread this mixture over the firm tomato aspic, and chill until it is firm. Pour the remaining aspic over the cream cheese layer, and chill again. When firm, unmold on crisp lettuce, and fill the center with tiny lettuce leaves. Serve with Miracle Whip Salad Dressing. Serves 11 or 12.

PEPPERMINT STICK "PHILLY" FROSTING

6 level tablespoons Philadelphia Brand Cream Cheese
1 tablespoon milk
2½ cups sifted confectioners' sugar
1 tablespoon crushed peppermint stick candy

Blend the cream cheese and the milk. Add the sugar gradually, combining well. Add the peppermint stick candy and mix again. Enough to frost a 2-layer, 8-inch cake.

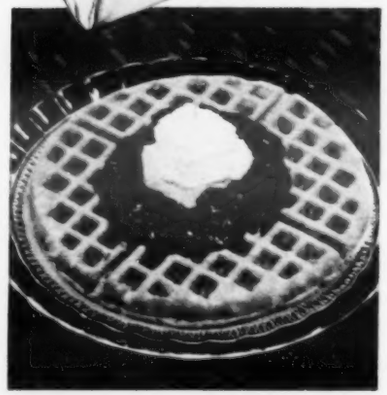


PHILADELPHIA BRAND CREAM CHEESE RECIPES

What wonderful things come from this

"Package of Family Treats"

The half-pound size of the world's most famous cream cheese



WAFFLES WITH CREAM CHEESE AND STRAWBERRY JAM

Milk
Philadelphia Brand Cream Cheese
Waffles
Strawberry jam

Add a small amount of milk to the cream cheese, and whip until light and fluffy.

Bake waffles, using your favorite recipe. In the center of each hot waffle place a generous amount of jam and top it with the whipped cream cheese.

CLAM APPETIZER DIP

1 garlic clove
½-lb. pkg. Philadelphia Brand Cream Cheese
2 teaspoons lemon juice
1½ teaspoons Worcestershire Sauce
½ teaspoon salt
Dash of freshly ground pepper
A 7- to 7½-oz. can minced clams, drained
¼ cup clam broth

Rub a mixing bowl with the garlic clove which has been cut in half. Place the cream cheese in the bowl, cream it with a spoon until smooth, and gradually add the remaining ingredients, blending well.

Serve crackers, potato chips or raw cauliflower buds to be dipped into this mixture for an unusual and tasty appetizer.

If a thinner dip is desired, add more clam broth. Makes approximately 1 pint.

BLUSHING PEAR SALAD

Milk
Philadelphia Brand Cream Cheese
Pear halves
Red food color
Watercress
Casino French Dressing

Blend a small amount of milk into the cream cheese. For each portion put two pear halves together with a filling of the cream cheese. Rub a drop of red color on each side of the pear to simulate fresh fruit, place on crisp watercress on a salad plate, garnish the stem end with a sprig of watercress, and serve with French dressing.

PINEAPPLE CREAM CHEESE PIE

⅓ cup sugar
1 tablespoon cornstarch
1 9-oz. can crushed pineapple (not drained)
½-lb. pkg. Philadelphia Brand Cream Cheese
½ cup sugar
½ teaspoon salt
2 eggs
½ cup milk
½ teaspoon vanilla
1 9-inch unbaked pastry shell
¼ cup chopped pecans

Blend the ⅓ cup of sugar with the cornstarch and add the pineapple. Cook, stirring constantly, until the mixture is thick and clear. Cool.

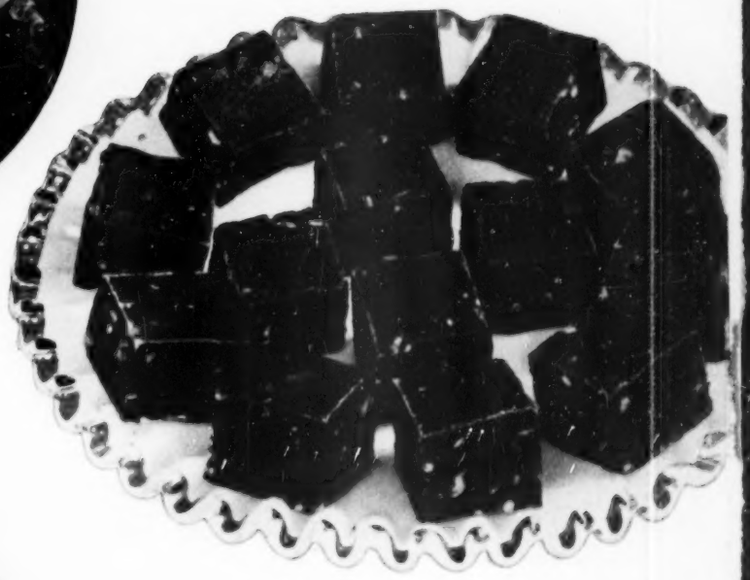
Blend the cream cheese, softened at room temperature, with the ½ cup of sugar and the salt. Add the eggs, one at a time, stirring well after each egg is added. Blend in the milk and vanilla.

Spread the cooled pineapple mixture over the bottom of the unbaked pastry shell. Pour in the cream cheese mixture and sprinkle with the chopped pecans. Bake in a moderately hot oven, 400°, for 10 minutes, then reduce the heat to a very moderate oven, 325°, and bake for an additional 50 minutes. Cool before serving. Serves 7 or 8.

BAKED POTATOES
With "Philly" Chive Sauce

⅓ cup cream
½-lb. pkg. Philadelphia Brand Cream Cheese
1 tablespoon chopped chives
1½ teaspoons lemon juice
½ teaspoon garlic salt
4 to 6 baked potatoes
Parsley

Gradually blend the cream into the cream cheese. Add the chives, lemon juice, and garlic salt. Serve over hot baked potatoes which have been slashed across the top and pressed open. Garnish with parsley. For a thinner sauce, add a little more cream.



And the cream cheese
to use is genuine
Philadelphia Brand

Made only
by Kraft . . . with a
richness and
texture that can't
be copied!

Keep your silver dishes busy

By Fae Huttenlocher

Silver serving dishes are perfectly beautiful and most practical. Your investment in them is a wise one—just consider their everlasting quality and their numerous uses.

New tarnishproof bags almost do away with the polish problem. Or if you use your silver every day—as you should for your family's enjoyment—it will seldom need polishing. A daily washing keeps it glowing. Here we show you how you can get the most from your silver serving dishes by using each of them in four different ways.

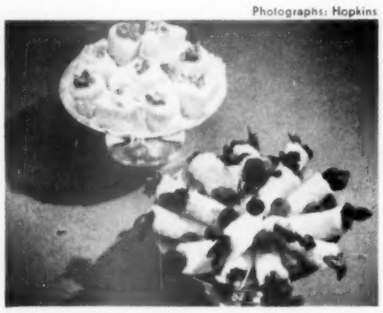
With your silver service on the coffee table, you're ready to entertain in the easiest and most gracious way. Every hostess yearns for a silver service, but few realize that a fine silverplated service like this one costs no more than a chair, or even a lovely dress or a set of china dinnerware

Stunning silver comports are versatile

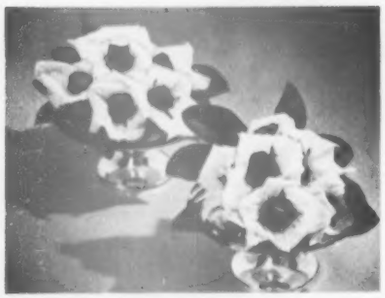
You'll find a pair of silver comports are among your most-prized items. These are 6½ inches across and 3 inches high.

They have such simple, smooth lines that they're at home with all kinds of table accessories.

Photographs: Hopkins

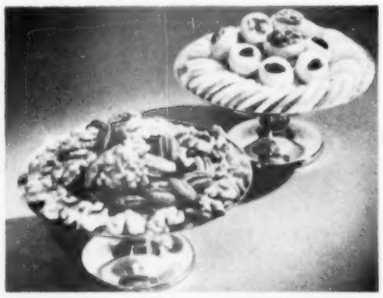


Your silver comports are perfect for dainty water-cress tea sandwiches and delicate petits fours. Arrange them prettily, then put them on a tea tray. Your party will be memorable



Cluster glad-floret boutonnieres, each centered with a rose bud, in your comports—a lovely sight on either side of your candelabra as a decoration for either your dinner or tea table

Use your comports for small, decorative fruit arrangements. Place one in the center of each card table for luncheon. Or you can alternate them with single candlesticks on dining table

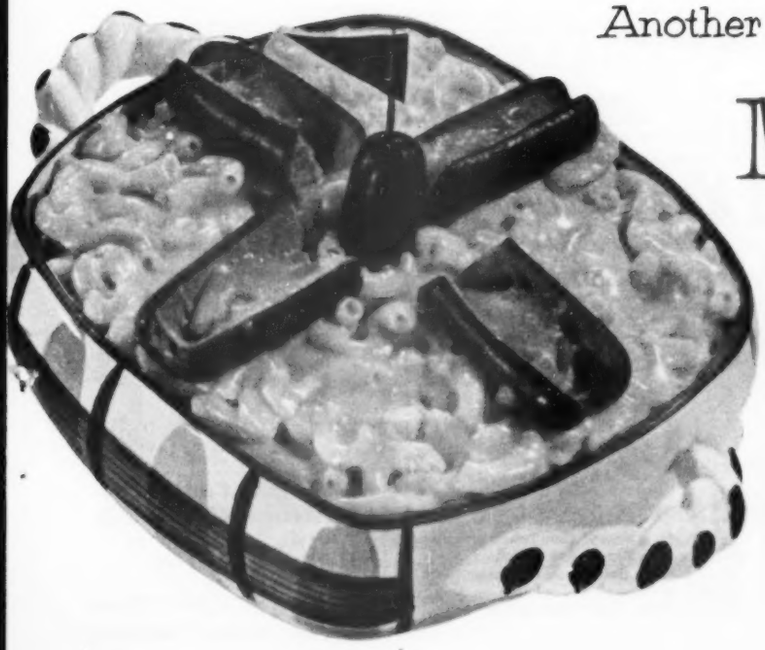


Candy and nuts take on special elegance, look even more tempting when you serve them in silver comports. Pass them after dessert or put them on your coffee table or your tea cart

More ideas on page 135

Another way you'll love milk–

Man-Style Macaroni



Melt in saucepan 4 tablespoons butter. Blend in 4 tablespoons flour, ½ teaspoon salt, dash pepper. Add 2 cups MILK. Stir until thick and smooth. Add ½ lb. American Cheddar cheese, shredded. Stir until melted. Add cheese sauce and 4 diced frankfurters to 2½ cups cooked elbow macaroni. Top with grated cheese and split "franks" filled with cheese.

FIRST IN FOODS

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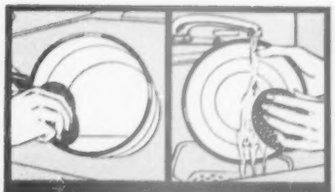

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Eggs, macaroni, mush, potatoes, rice, gravies, sauces, pudding, batter, casseroles . . . any of the foods that stick, TUFFY cleans right off.

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Pep up your salad with a new dressing

Begins on page 112

Special "taste" tips

- Use a liberal hand when you add spices and herbs to commercial salad dressings. Try these: curry powder, celery seed, thyme, rosemary, basil, dry or fresh dill seed, marjoram, oregano, cayenne, red pepper.
- Shake or mix the dressing vigorously so all the flavors will blend into one tasty combination. Use your blender, of course.
- Go "gourmet"—by adding freshly ground pepper from your own pepper grinder.
- For pleasant variety use tarragon, wine-flavored, or herb-flavored vinegar where a recipe calls for vinegar.
- A garlic press is a handy gadget to save mess and fuss. Helps get every bit of aromatic flavor from each garlic clove, too!
- For fish salads, add a dash or two of Tabasco sauce and lemon juice. Gives tuna and salmon a chef's touch.
- Prepare several salad-dressing combinations at one time while you have the ingredients out. Store in covered containers.

Louis Dressing

Easy dress-up for head lettuce or individual tomato salads—

- ½ cup chili sauce
- ½ cup mayonnaise or salad dressing
- ½ cup creamy French dressing
- 1 teaspoon Worcestershire sauce

Slowly stir chili sauce into mayonnaise; add French dressing and Worcestershire sauce. Mix well. Makes 1½ cups.

Cottage-cheese Dressing

A speedy way to add flavor to individual vegetable salads or lettuce wedges—

- 1 cup creamy French dressing
- 3 tablespoons cottage cheese
- 1 tablespoon chopped sweet pickle
- 1 tablespoon chopped parsley

To French dressing, add cottage cheese, pickle, and parsley. Mix well. Makes 1¼ cups.

Chive Dressing

Try it on a fresh citrus-fruit salad—

- 1 cup clear French dressing
- ⅓ cup sour cream
- 1 tablespoon finely chopped chives

Combine all ingredients. Makes 1⅓ cups.

Blue-cheese Mayonnaise

A subtly flavored, creamy topper for leaf or Bibb lettuce—

- 2 tablespoons crumbled blue cheese
- ½ cup mayonnaise
- 4 teaspoons milk
- Few drops Tabasco sauce

Press cheese through a fine sieve and mix with remaining ingredients. Makes about ⅔ cup.

See how

Soda serves more ways than any other household product

You'll find baking soda (bicarbonate of soda) saves you time, work and money more than 101 ways! Keep it in your medicine cabinet as first aid in family emergencies. Keep it handy in the kitchen for dozens of cleaning chores.

Clean and SWEETEN your refrigerator—in ½ the time. No scrubbing, no scouring! Pure baking soda (bicarbonate of soda) emulsifies greasy film. With a wipe of your cloth, film disappears and so do *musty, sour food odors* that adhere to enamel.

Clean silver easily, economically. Cover the bottom of a large enameled pan with aluminum foil or an old aluminum cover. Add 1 tsp. baking soda (bicarbonate of soda) to each quart of water and bring to boil. Immerse silver so it touches the aluminum. Tarnish disappears *in no time!* (Silver with an oxidized pattern or butler finish, should not be cleaned this way.)

For a better cup of coffee. Filmy coffee oils that impair good coffee flavor are *quickly removed* from glass coffeemakers with baking soda. Once a week, wash your coffeemaker in soda solution (3 tbs. to qt. water) for a few minutes.

★ Baking soda loosens milk rings in baby bottles, keeps vacuum bottles sweet.
★ Makes enamel and tile sparkle.
★ Cleans combs and brushes.

A Household Treasure for over 100 years

Why buy a number of different products to do a number of different jobs when baking soda (bicarbonate of soda) does them all and costs only pennies a box?

Arm & Hammer and Cow Brand Baking Soda are pure Bicarbonate of Soda, U.S.P. Write for **Free Booklet** on the many uses of soda to Church & Dwight Co., Inc., 70 Pine Street, New York 5, New York.

French Mayonnaise

You combine two commercial dressings for a delightful blend of flavor—

- Clove garlic
- ⅔ cup clear French dressing
- ⅓ cup mayonnaise

Rub the bowl in which you mix dressing with the cut side of garlic clove. Slowly add French dressing to mayonnaise, beating constantly. Makes about 1 cup.

Creamy Horse-radish Dressing

- ½ cup heavy cream, whipped
- ¼ cup horse-radish, drained
- 2 teaspoons sugar
- ¾ teaspoon salt
- Dash cayenne
- 4 drops Tabasco sauce
- 3 drops Worcestershire sauce
- 1 cup mayonnaise or salad dressing

Fold cream, horse-radish, sugar, salt, cayenne, Tabasco and Worcestershire sauces into mayonnaise. Chill. Makes about 1⅔ cups.

Honey-Mayonnaise Dressing

- ½ cup mayonnaise
- ¼ cup honey
- ½ teaspoon celery seed
- ¼ teaspoon paprika
- 1 tablespoon lemon juice

Combine ingredients, blending well. Makes about ⅔ cup.

Italian Dressing

- 1⅓ cups olive or salad oil
- ½ cup vinegar
- 1 teaspoon sugar
- 1½ teaspoons salt
- ½ teaspoon dry mustard
- 4 to 5 cloves garlic, halved

Combine ingredients in bottle or jar. Cover and shake thoroughly. Makes 2 cups.

Savory Dressing

Strong, he-man flavor, ideal for seafood or meat salads—

- ⅓ cup salad oil
- 2 tablespoons vinegar
- 2 tablespoons catsup
- 1 teaspoon salt
- ¾ teaspoon chili powder
- ¼ teaspoon sugar
- Dash pepper
- Dash paprika
- ⅛ teaspoon dry mustard
- 2 teaspoons grated onion
- 1 teaspoon prepared mustard
- Few drops Tabasco sauce

Combine ingredients; shake well in covered jar. Makes ⅔ cup.

Sour-cream Dressing

A creamy dressing to add zest to cucumber-lettuce salads—

- ¼ cup sour cream
- ¼ cup mayonnaise or salad dressing
- 3 tablespoons crumbled blue cheese
- 1 teaspoon sugar
- 1 teaspoon grated onion
- 4 teaspoons vinegar

Combine ingredients; blend well. Makes ⅔ cup.

Empty spaces

Round and round the block
I drive,
Lazy, seeking to connive,
A parking space that's near
the store,
And as I seek I do deplore,
Whichever way I choose
to ride—
There's parking on the
other side!

—*Jere C. Austin*

G-E All-Electric Kitchen only $47.20* a month!

This is another "Young America" Home kitchen to be featured in model homes from coast to coast.

HOME BUILDERS everywhere will select the same G-E Kitchen, shown above, for their model "Young America" Homes—homes which they believe offer the most in attractive design, features, and *dollar-for-dollar value*. Watch for a "Young America" Home opening in your vicinity. You can have a kitchen like this *planned especially for your home*—for as little as $47.20 a month.

***Here's how you can finance it . . .** In the kitchen above, the General Electric equipment—including work surfaces—can be had for as little as $47.20 a month after small down payment. Rates and terms established by financing institutions, applied to manufacturer's recommended retail price. Enjoy these time-saving electric wonders now; pay for them over a three-year period! Other financial plans available in your locality may reduce the monthly payment under this $47.20 price.

For details, send coupon below for *free copy* of booklet about facts for financing your kitchen if you're buying, building, or remodeling.

Here's how you can plan it . . . we do more than merely provide you with all the wonderful new equipment—we help you plan and style the layout of your kitchen for maximum efficiency. Your G-E dealer can arrange a complete personal planning job for you—at no additional cost.

Take advantage of your General Electric dealer's expert advice—drop in to see him. Or, if his name is not listed in the classified section of the phone book, fill out coupon below and mail today—we'll have a G-E retailer get in touch with you at an early date.

If you're buying or building a new home . . . be *sure* it has a complete G-E All-Electric Kitchen! Here's why . . . the cost of a modern kitchen—one of these *complete* all-electric wonders—is as little as four or five dollars extra a month. This is possible because the cost of your kitchen is included right in your regular long-term mortgage. Talk to your architect or builder about a complete G-E All-Electric Kitchen for your home.

GENERAL ELECTRIC

G-E 9-cu-ft Refrigerator. "Space Maker" model. World-famed for dependable service.

G-E Dishwasher. Dishes automatically rinsed, washed, and dried with heat.

G-E "Speed Cooking" Range. It's fast, safe! The automatic features make grand meals easy!

G-E Disposall.® Gets rid of garbage electrically! No need to see, touch, or smell garbage again!

G-E Steel Cabinets. Plenty of food-and-utensil storage space; extra work surface, too.

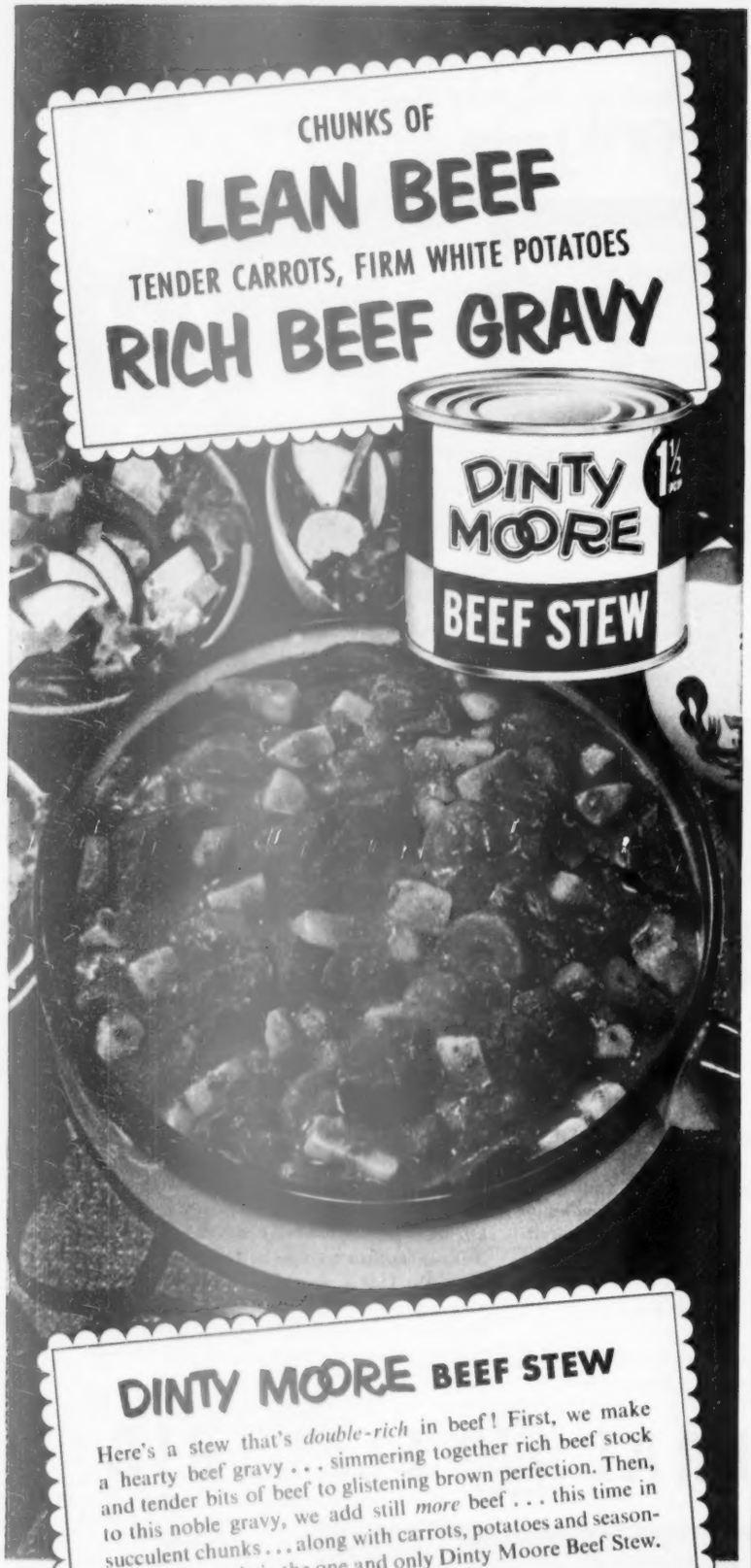
General Electric Co.
Box B-9-CC,
Louisville 2, Ky.

Dear Sirs:
Please send me *free* booklet. Also name of my local G-E Kitchen specialist. I understand I am under no obligation.

NAME

STREET

CITY STATE



DINTY MOORE BEEF STEW

Here's a stew that's *double-rich* in beef! First, we make a hearty beef gravy . . . simmering together rich beef stock and tender bits of beef to glistening brown perfection. Then, to this noble gravy, we add still *more* beef . . . this time in succulent chunks . . . along with carrots, potatoes and seasonings. The result is the one and only Dinty Moore Beef Stew. *No wonder it's America's favorite!*

BUY...TRY THE FINE FOODS BEARING THIS LABEL—

HORMEL GOOD FOOD

Geo. A. Hormel & Co., Austin, Minnesota
Hear MUSIC WITH THE HORMEL GIRLS — Saturday, CBS

Glamour tricks with cake mix

Begins on page 90

Of course you don't have to fix something fancy every time. You can use a package of mix to make an everyday "wonder" like an upside-down cake.

It's easy to give a cake a party air. Just circle the platter with a few posies from your garden border—you'll hear a chorus of delighted oh's and ah's. And the children will always remember "Mother's cakes" as ever so special—perfectly delicious—pretty, too.

Chocolate Polka-dot Cake With Snow Frosting

You couldn't ask for a more wonderful party dessert—but don't wait for a party to try it!—

- 1 package chocolate- or devil's-food-cake mix
- 2 egg whites
- 1½ cups sugar
- 1½ teaspoons light corn syrup *or* ¼ teaspoon cream of tartar
- ⅓ cup cold water
- Dash salt
- 1 teaspoon vanilla
- Semisweet chocolate pieces

Prepare chocolate-cake mix and bake in round layer pans as directed on package. Cool. Combine egg whites, sugar, corn syrup, water, and salt in double boiler. Beat 1 minute with electric mixer or rotary beater. Then cook over boiling water, beating constantly until frosting forms peaks, about 7 minutes. Remove from boiling water; add vanilla; beat until of spreading consistency, about 2 minutes. Frost tops and sides of cake layers. Polka dot with semisweet chocolate pieces.

Cocoa Meringue Torte

So elegant and luscious, yet so easy!—

- 1 package yellow-cake mix
- 4 egg whites
- ⅛ teaspoon cream of tartar
- Dash salt
- ¾ cup sugar
- ¾ cup finely chopped California walnuts
- 1 recipe Cocoa Whipped Cream

Prepare cake mix according to package directions and pour into 2 paper-lined 9x1½-inch round pans. Beat egg whites until foamy. Add cream of tartar and salt; continue beating until soft peaks form. Add sugar gradually, beating until glossy and sugar is dissolved. Fold in nuts. Spread mixture carefully over cake batter in both pans. Bake in moderate oven (375°) 25 to 30 minutes. Cool cake in pans 10 minutes; then remove from pans to finish cooling. Frost tops and sides with **Cocoa Whipped Cream:** Combine 1½ cups heavy cream, ½ cup sugar, and ⅓ cup cocoa; chill 1 hour. Beat until stiff. Trim frosted torte with California-walnut halves.

Rosy Apple Upside-down Cake

Spicy and fragrant. Maraschino cherries give the apple rings a pink tint—

- 2 tart red apples
- ¼ cup butter or margarine
- ½ cup honey
- ½ cup chopped California walnuts
- ⅓ cup chopped maraschino cherries
- 1 package spice-cake mix

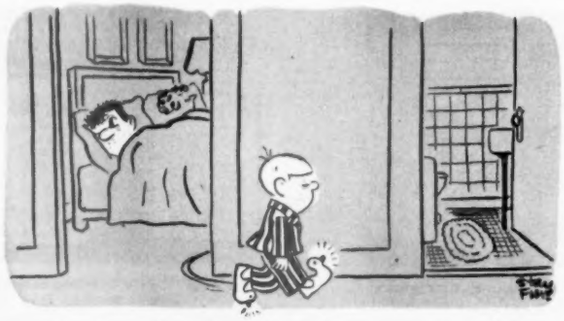
Core unpeeled apples and slice in rings ¼ inch thick. Melt butter in a 10-inch skillet. Add honey and apple rings; cook 3 minutes, turning once. Sprinkle with nuts and cherries. Prepare spice-cake mix as directed on package. Pour 2 cups batter over apples. (Bake remaining batter as cupcakes.) Bake in moderate oven (350°) 30 to 35 minutes for upside-down cake and 20 to 25 minutes for the cupcakes. Cool upside-down cake 5 minutes in pan. Turn upside down on serving plate and serve warm.

Angel-Peach Dessert

Extra luscious, extra elegant! Guests will be impressed!—

- 1 package angel-cake mix
- 1 3-ounce package orange-flavored gelatin
- 1 No. 303 can (2 cups) sliced peaches, drained
- 1 cup heavy cream, whipped
- 1 4-ounce can or package (1⅓ cups) shredded coconut, toasted

Prepare and bake angel-cake mix in tube pan as directed on package. Cool. Remove from pan. Cut center from cake to make hole 4 inches across. Place cake on flat plate. Prepare gelatin as directed on package. Chill until partially set and fold in peaches. Fill center of cake with this mixture. Chill until set. Frost top and sides with whipped cream and sprinkle with toasted coconut.



Quack-quack-quack-quack-quack-quack-quack-quack

How to plan your new CAPITOL KITCHEN

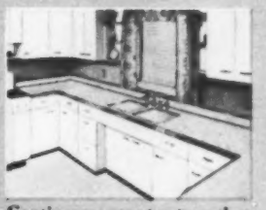
Here's what to LOOK FOR IN STEEL KITCHEN CABINETS

Roller drawers that float out smoothly and quietly . . . and are easily removed to clean
CAPITOL HAS IT

Triple protective coating on heavy gauge steel for long-lasting utility and beauty—and easy to keep clean
CAPITOL HAS IT

Recessed backs on wall cabinets that make installation easy—sturdy
CAPITOL HAS IT

Insulated doors that deaden sound—assure quiet operation
CAPITOL HAS IT



Continuous counter tops that won't catch dirt or crumbs—add harmonizing color
CAPITOL HAS IT

Plenty of knee space for comfortable sitting at the sink
CAPITOL HAS IT

A MODERN KITCHEN — the most "lived-in" room in the home — is a product of *engineered efficiency* created in three carefully considered stages:

1. Planning
2. Selection of Equipment
3. Installation

Planning the modern efficient kitchen combines the needs of the homemaker, the size of the kitchen and the "know-how" of the kitchen planning expert. Your plans should provide for easy flow of work that saves you steps, plenty of working surfaces, storage space. Then, too, you must make it attractive. Your Capitol Kitchens planning expert will be glad to help solve your planning problems.

Selection of equipment requires careful shopping to determine quality; features that mean efficiency, convenience, attractiveness; and accessories that are useful. You'll find *all* in Capitol Kitchens' complete line.

Installation can be easy only if the cabinets and sinks have the built-in features that save time and cost of installation. There should be recessed backs on wall cabinets, base cabinets that slide into place, and a complete kitchen line that is flexible enough to fit any kitchen.

For complete kitchen planning service — for features and accessories that spell efficiency, convenience, attractiveness — for a quality line and low cost installation, you can depend on Capitol Kitchens. See your Capitol dealer today. He'll be glad to help you.

HERE'S YOUR CHECK LIST OF USEFUL ACCESSORIES

1. Bread box and flour bin
2. Wire utility basket
3. Maple cutting board
4. Cutlery dividers
5. Cup hook racks
6. Wire condiment step shelf
7. Corner knick-knack shelves

LOOK FOR FEATURES LIKE THIS
Capitol's corner Roto-Base cabinet brings everything within reach.

THE Capitol LINE

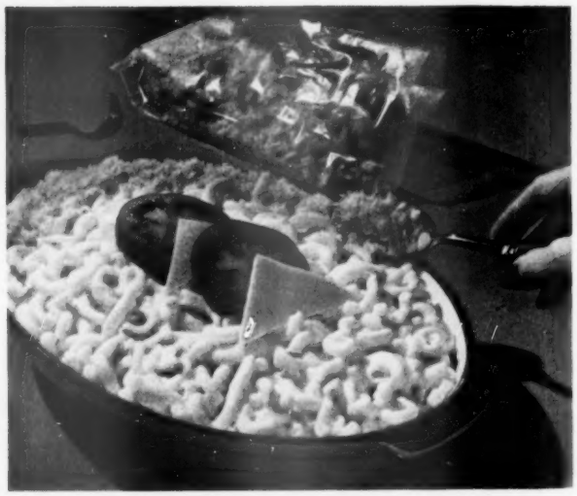
CAPITOL KITCHENS BHD-1
ROSELLE, N. J.
Please send your Kitchen Planning Book for which I'm enclosing 10¢ (in coin). Tell me, too, where I can find out more about Capitol Kitchens.

*Name*_____
*Street*_____
*City*_____ *State*_____

Cabinets of Steel for Lasting Appeal CK-112

Freeze these for

Main dishes, breakfast and dessert treats to tuck away in your freezer now. Then, on some busy day dig them out like buried treasure



Crumbs in reserve. Buttered crumbs will keep like a charm in your freezer. And you can fix enough for several dishes with only a single skillet and spoon to wash. You'll speed casserole making, too. Basic recipe: Brown 1 cup soft bread crumbs in 2 tablespoons melted butter or margarine. Let them cool, spoon into plastic bag, seal, label, freeze

Photographs: Mike Nelson, Photography, Inc.

Time to stew. Lots of tag-end garden vegetables? Buy some beef chuck, brew a whopping kettle of Harvest-time Stew. Carrots, corn, baby Limas, onions, green beans—all add flavor. See basic recipe, page 256. If you feel venturesome, vary it to fit your garden's surplus. For hearty winter meals, just heat and serve your savory frozen stew

quick meals

By Doris Adams

School-day baked apples. Fix apples the way you usually do. Slip each apple into a plastic-coated freezer container, pour in a little water.

All ride into the oven on a shallow pan. Bake, cool, pop on covers, label, and freeze.

In a lunch box, apple will thaw by noon. Or let it thaw an hour, slide into moderate oven (350°) 15 minutes.

Dinner in a Pepper. Make a big batch; one casserole for today, another to freeze for next week or the week after.

For the luscious filling, you skillet-brown ground beef and onion. Then you add fresh or frozen corn, home-grown tomatoes; top with crumbs.

To seal glass casserole, put on cover, stick freezer tape over crack where the base and the cover meet. Write date on cover with a wax pencil.

On-call Waffles. As long as you're mixing batter, bake up all the extras, wrap them in foil or in freezer paper. Seal, label, and freeze.

There you have it: a quickie breakfast treat to enjoy some sleepy-eyed morning.

Just drop the waffle squares into your toaster. In a jiffy they'll pop up—butter-melting hot, crisp, and yummy.

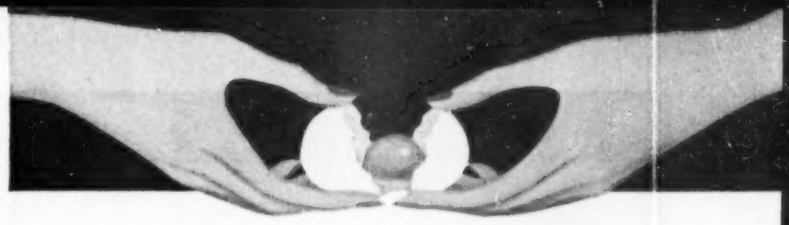
Apricots aplenty. Next winter, surprise your family with this sunny-flavored treat.

Wash apricots, halve, pit. Skin or not, as you prefer.

Pack with 40 percent syrup (3 cups sugar to 4 cups water). Add an antioxidant at the last minute to hold color and flavor in the fruit.

Crumpled paper pushes top apricots under the syrup and keeps floaters from turning brown. Seal, label, and freeze.

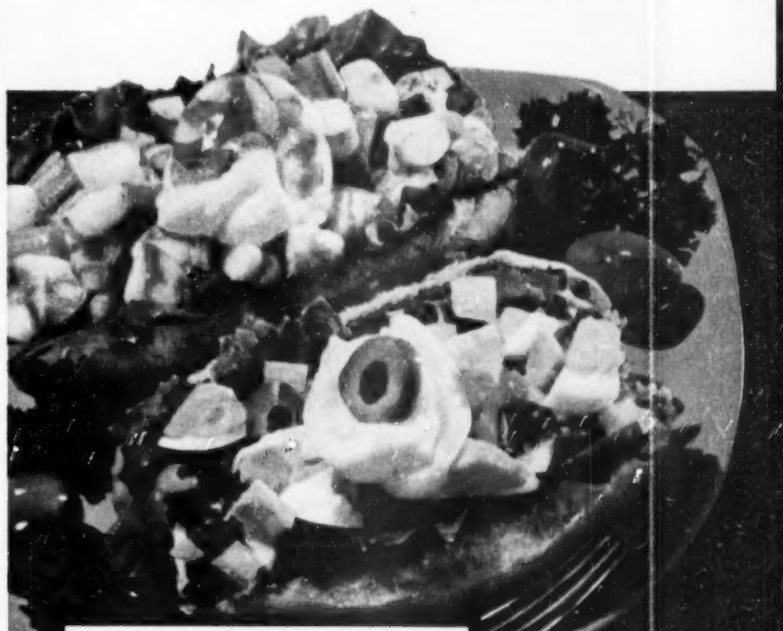
Recipes on page 256



Whole Eggs ... Freshly Broken

make **The Whole-Egg Mayonnaise**

smoother in texture, finer in flavor!



Salad appeal with sandwich ease!

Real Mayonnaise Sandwich Boats

It's what goes on inside this sandwich that makes it so special! Crisp hot-dog rolls—filled with good things—made *more* delicious with the finer-flavored *Whole-Egg* Mayonnaise! Split and toast 4 rolls, fill with **Shrimp Salad:** Combine 2 c. chopped shrimp, ½ c. chopped celery, 2 tbs. sliced scallions, salt, pepper, 1 tsp. lemon juice, ¼ c. Best Foods or Hellmann's *Real* Mayonnaise. Fill 4 toasted rolls with **Egg Salad:** Combine 4 chopped hard-cooked eggs, ½ c. chopped celery, ¼ c. chopped stuffed olives, salt, pepper, ¼ c. *Real* Mayonnaise.

Only Best Foods and Hellmann's Real Mayonnaise have such flavor

—are so good so many ways! Yes, your favorite mayonnaise for salads makes far tastier sandwiches and easier sauces, too. Because Best Foods or Hellmann's *Real* Mayonnaise is a master blend of *freshly broken whole eggs,* fresh delicate oil, aged vinegars, spices, and extra egg yolks—it blends beautifully with other ingredients, adds superb texture, finer flavor. Always choose Best Foods or Hellmann's *Real* Mayonnaise, America's favorites!

Best Foods and Hellmann's are registered trademarks of The Best Foods, Inc.

WHOLE EGGS make the Delicious Difference!

Why shouldn't your kitchen be more fun...and less work?

RUBBERMAID WILL MAKE IT GAY, QUIET, TIDY – A WONDERFUL PLACE TO SPEND YOUR TIME.

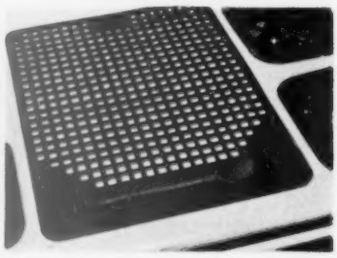
IF YOU LIVE NORMALLY, you spend more time in your kitchen than in your living room. Why not enjoy it even more?

It takes such a small investment in Rubbermaid to make your kitchen more liveable . . . and workable. To cushion and protect the hard surfaces. To hush the clattery spots. To reduce breakage. To bring bright color into that world of sterile white enamel.

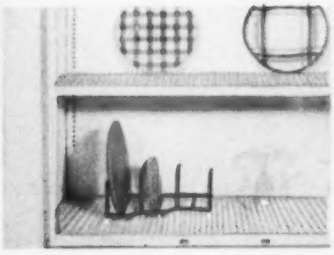
Rubbermaid products resist heat, grease, soap, wear—practically all the hazards of the kitchen. You'll find Rubbermaid wherever housewares are sold in the United States or Canada. Write for free folder showing all the Rubbermaid products. The Wooster Rubber Company, Dept. B-33, Wooster, Ohio.

CHOOSE GENUINE **Rubbermaid** HOUSEWARE

RUBBERMAID'S FINEST FLOOR MAT is this Tredeasy Mat with cushiony sponge rubber underneath to rest your feet, and a special hard rubber top surface to make it long-wearing and easy to clean. So comfortable in your kitchen or laundry—and only $4.98.



EXTRA, USABLE WORK SPACE—That's what your range top becomes when you cover it with a thick, ventilated Rubbermaid Waffle Stove Top Mat. Withstands hot pans, hard knocks, and wear. This one even has a built-in spoon drip tray—and it's only $1.98.



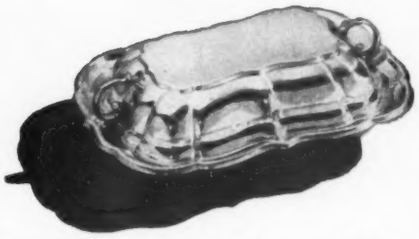
WHY BE OLD-FASHIONED about shelf liners? Rubbermaid Shelf-Kushions pad cabinet shelves permanently with rubber to reduce noise and breakage. Sizes from $1—in light-hearted colors. Another dish-saver is the Rubbermaid Plate Storage Rack at $1.49.

BRIGHTEN YOUR BASE CABINETS, TOO, with gay, colorful, permanent Rubbermaid Shelf-Kushions specially sized for base cabinets, at $2.98. And to organize lids, pie pans and the like, use 20"-long Rubbermaid Plate Storage Racks, at $1.98.

58 fine products *8 Fresh colors*

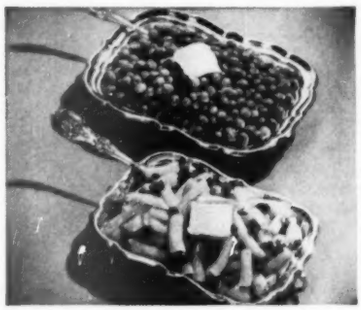
Keep your silver dishes busy

Begins on page 126



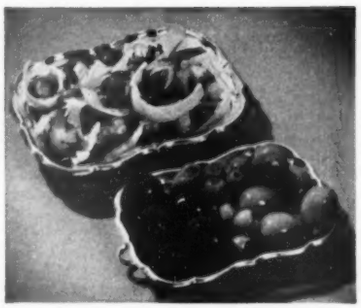
Serve variety of foods in vegetable dish

This beautiful Chippendale vegetable dish measures 5x7 inches and is budget priced. The cover keeps food warm or serves as dish



Here it holds enough vegetables for four people. The dish and its lid will each hold a package of either frozen vegetables or fruit.

Or use the cover to keep your vegetables warm—just right for a small family.



For a buffet or your dinner table, it becomes a delightful twosome for olives, radish roses, and celery curls.

If you need only one dish for the relishes you've planned, use the other for an attractive mold of jelly or for jam.

Here this versatile dish with its lid turned up offers ice-cream sauces for a favorite, help-yourself dessert.

Take your choice of either fresh strawberry or yummy chocolate-nut sauce for your extra-special sundae.

This dish does more than dinner-table duty. Now it's on your coffee table. One part is filled with creamy bonbons, the other with cigarettes.

You will discover it does handsomely as a covered dish for an occasional table, also.

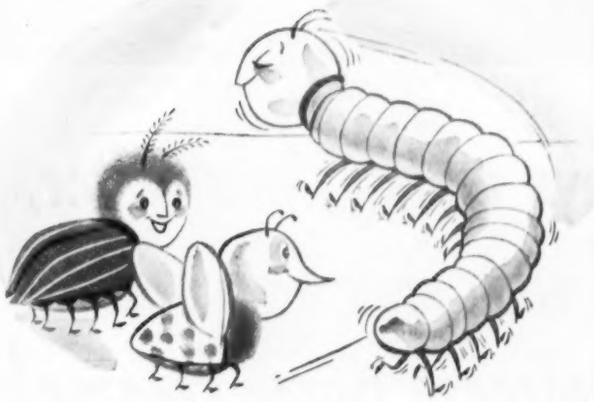
More on page 137

"Sorry, folks—but I just remembered this is the day of the week I put Drāno in all the drains."

There's not a shadow of a doubt about it—dangerous sewer germs *do* lurk in every drain. No liquid disinfectant can budge the muck they breed in. It takes Drāno to unclog drains and keep them running free and clear. Use Drāno once a week—every week. Won't harm septic tanks. Makes them work better. Get Drāno today at your grocery, drug or hardware store. Also available in Canada.

There's nothing like DRĀNO . . . to keep drains free-running.

PRODUCTS OF THE DRACKETT COMPANY, CINCINNATI, OHIO



"He's twice as fast—like Windex Spray for cleaning windows."

Hate doing windows? You'll love it—with Windex Spray. For it *cuts your window-cleaning time in half.* Just spray it on, wipe lightly and presto—windows, mirrors, *all* sorts of glass surfaces come diamond-bright with no waxy film to attract dust later. Windex is thrifty, too. And it's even more economical in the big 20-oz. refill size. Get Windex Spray at your grocery, drug or hardware store today. Also sold in Canada.

So *quick, easy, thrifty* it outsells all other glass cleaners combined!

Model C-135 stores over 450 lbs. of assorted frozen foods.

Save money, live better, with this genuine Deepfreeze Home Freezer!

Every Thursday Deepfreeze brings you Gabriel Heatter on radio.

• **Imagine! You actually cut food bills** with a genuine Deepfreeze Home Freezer and at the same time enjoy better, more nourishing food!

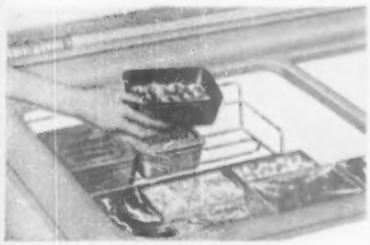
• **Frozen foods keep better** . . . retain original flavor, shape, and vitamin-mineral content. You have all kinds of foods available all year in a Deepfreeze Home Freezer. You're always prepared for menu emergencies, such as last-minute guests or special diets.

• **Better eating costs less.** You buy meats, fruits, and vegetables in quantity when prices are best—and store them safely in your Deepfreeze Home Freezer. It's the home freezer that is serving America's best fed families.

For finest quality, be sure the trade name "Deepfreeze" is on the home freezer you buy. Deepfreeze Home Freezers are available in chest-type and upright models, 7 to 23 cu. ft. sizes. See your Deepfreeze Appliance Dealer today!

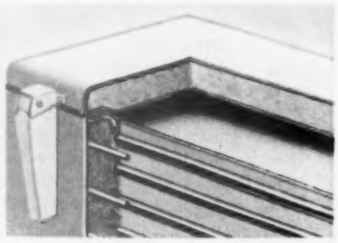
Deepfreeze Home Appliances

© 1953 Deepfreeze Home Appliances, North Chicago, Illinois. Makers of genuine Deepfreeze Home Freezers, Refrigerators, Electric Ranges and Water Heaters. Specifications subject to change without notice. Deepfreeze Home Appliances are also sold by authorized dealers in Canada.



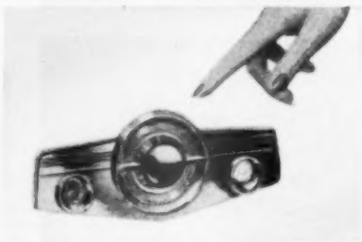
New Deepfreeze "Casseroles"

Three, one-pint aluminum utensils, in red, green and gold, store a pre-cooked meal or left-overs. You freeze, heat and serve, all in the same beautiful containers. This is an exclusive convenience feature of popular Model C-135 (pictured above).



Deepfreeze Radiant Condenser

The sleek, beautiful exteriors of genuine Deepfreeze Home Freezers never gather moisture, regardless of heat or humidity, thanks to the Deepfreeze Radiant Condenser. No wiping, no mopping. Operation is always quiet and trouble-free.



New Deepfreeze "Silent Signal"

This is the modern "control panel" of your Deepfreeze Home Freezer. White signal light shows when power is on. Red signal light glows if inside temperature gets too high for safety. Makes it easier to control temperature correctly.

Refrigerator by Deepfreeze

Deepfreeze also brings you a finer Refrigerator! It features Electromatic Defrosting, a Deepfreeze Freezer Compartment, and "The Door that Stores More." 7 beautiful models—9.3 to 11.5 cu. ft.

Keep your silver dishes busy

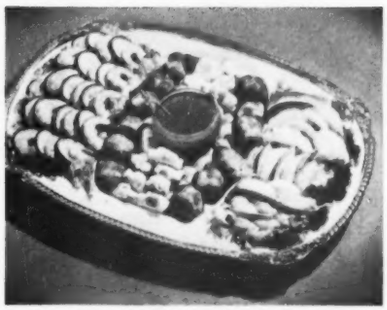
Continued from page 135

"Jack-of-all-servers" is this big, silver meat platter

This platter comes in plated or sterling silver, measures 25x17 inches. Its size and the three sections make it one of your handiest servers

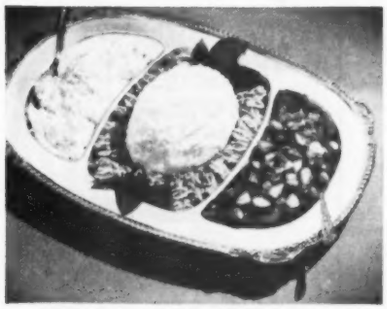
Sunday-night cheese tray becomes party fare with a flair on your platter.

On one side are apple slices—on the other, paper-thin slices of icebox rye, garlic buttered, then toasted in the oven.



For club luncheon it carries a full-meal salad. Help yourself to the shrimp and cucumber, then to grapefruit, orange, avocado.

Spoon on salad dressing and take tiny, hot, well-buttered rolls.



Dessert treat served on a silver platter! We show a molded snow pudding with walnuts, strawberries, and whipped cream.

Or you could serve ice cream with two sauces—cake with fruits.

Here the large silver platter serves in grand style that tasty dinner dream of every hungry man.

It's luscious roast prime ribs of beef with potato balls, browned and parsleyed, buttered broccoli.

More on next page

REVOLUTIONARY NEW JELLY-MAKING METHOD!

Grape Juice into Luscious Grape Jelly in just 11 minutes!

LITTLE AS

8¢ A GLASS...

Now—any time of year—anyone can make wonderful grape jelly—and in *just 11 minutes!* You save money, too . . . costs little as 8¢ *a glass!* There's no fruit preparation . . . no paraffining . . . no guesswork. Simply follow recipes carefully and results are divine *every time.* See for yourself . . . make a shimmering batch *today!*

P.S. Now that grapes are in season, whip up some jelly made from fresh grapes, too. Recipe on Certo bottle and in Sure-Jell package.

GRAPE JELLY

MADE WITH BOTTLED GRAPE JUICE

YIELD: ABOUT 6 MEDIUM GLASSES (3 LBS.)

3½ cups sugar
2 cups bottled grape juice
1 box Sure-Jell fruit pectin

1. Measure sugar and set aside. Mix grape juice, 1 cup of water, and Sure-Jell in large saucepan.
2. Put saucepan over high heat and bring to boil, stirring constantly. At once stir in sugar, bring to boil again, and boil 1 minute, stirring constantly.
3. Remove from heat, skim off foam, and pour into glasses. (No paraffining necessary if used in 2 months—just cover and keep in refrigerator.)

FREE! Send today for new leaflet featuring exciting "Fruit-Jells," delicious new candy made with Certo pectin. Write to Frances Barton, Dept. PM-B, 250 Park Ave., New York 17, N. Y.

Products of General Foods

CERTO OR SURE-JELL. Take your choice . . . a liquid or powdered fruit pectin product!

HOMEMADE JAMS AND JELLIES—TASTE BEST...COST LESS!

I've Had Mine for Nearly a Year and...

I'M STILL FINDING NEW SHORT-CUTS WITH MY WARING MIXOR

Winner of Lewis & Conger 1953 Safety Award

SAVE COUNTLESS STEPS – mix at the table, counter or range—wherever the work happens to be! Light, portable Waring Mixor stores on wall bracket, right at hand for every job!

FULL POWER FOR ALL JOBS—only the Waring Hand Mixor gives you full power comparable to cumbersome stationary machines—and 3 speeds mean sure control!

CAKES, PIES, OMELETS—*every* mixing job is easier and faster with exclusive non-spatter 'Propeller Pitch' beaters. Tapered, they fit sides of bowl, leave nothing unbeaten!

SAFEST YOU CAN OWN—easy one-hand speed regulation by either right or left hand! Rounded blades won't chip or scrape metal, glass or enamel particles into food! No wonder the Waring Mixor won the Lewis & Conger Safety Award! Only **19.95.**

Waring

PRODUCTS CORPORATION
A Subsidiary of Claude Neon, Inc.
25 West 43rd St., New York 36, N. Y.

Keep your silver dishes busy

Continued from preceding page

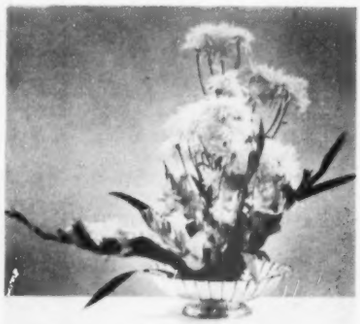
Enjoy a silver bowl many, many ways

This silver bowl's a beauty — is over 12 inches across. Here are a few of the ways to use it

It will hold a tall flower arrangement for the end of your dinner or hall table.

Protect the finish by placing foil or waxed-paper disc under *heavy* needlepoint holder.

Because clay stains silver, it can't be used under holder.



Use silver bowl for an exotic centerpiece of fruit on your buffet or dinner table.

If you're planning a fresh-fruit dessert, you can arrange it in your bowl—then let everyone help themselves.

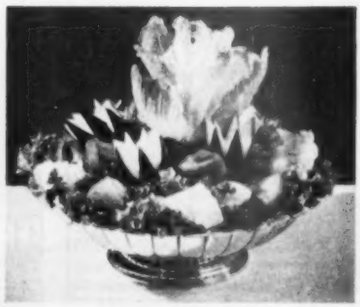
Take advantage of the fruits you find each season—make arrangements either lavish or simple. You'll find that they'll all look lovely.

Ice-cream balls with caramel sauce become queen of desserts in your silver bowl. For frosty coat, put bowl in freezing section of refrigerator.

Try this on the television crowd or treat guests at your next dinner party. You'll find that folks will applaud.

You can serve salad elegantly to 10 or 12 people.

The usual assortment of lettuce, tomatoes, and cucumbers takes on the glamour of a flower bouquet when it's arranged in your silver bowl.



Meet Mr. Blue Lake—

The Aristocrat of the Green Bean Family

he's greener straighter rounder firmer and does he taste good!

Blue Lakes grow only on the Pacific Coast . . . come in cans, because that is the only way to *fully* capture and hold their particular succulence and flavor.

You've never tasted anything like them, because nothing else like them exists!

Note: Blue Lakes, a distinct variety of green beans, are packed under many brand names. Be sure the can label says "Blue Lake variety"

canned

Blue Lake

VARIETY

GREEN BEANS

This TRADE MARK CAN EARN YOU MONEY!

SELL famous "Sunshine Line" Greeting Cards. Known everywhere as the leader! A complete line for Christmas and Everyday. Write for samples on approval and, big free catalog.

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Please HIM...

save money, too!

Watch low-cost meats and left-overs become top favorites seasoned this delicious way! For the zip 'n zest flavor men love . . . add Lea & Perrins Worcestershire Sauce. Used by famous chefs for over a century to delight male palates . . . your man will like it, too!

While you cook, when you serve, keep the Lea & Perrins bottle handy for . . .

HASH he won't forget!
HAMBURGER that hits the spot!
STEW with come-again goodness!
CROQUETTES with man appeal!
MEAT LOAF that calls for seconds!

SALT & PEPPER ARE NOT ENOUGH—ADD

LEA & PERRINS THE ORIGINAL WORCESTERSHIRE SAUCE

NEW RECIPE BOOK FREE!
"DISHES MEN LIKE"
- 168 easy, favorite recipes
- 84 "Good Go-Togethers" to simplify meal planning
- 7 pages illustrated Carving Lessons

Write LEA & PERRINS, Inc., 241 West St., N. Y., Dept. B-9

Get the FACTS!

Write for complete information. Dept. 6109
Schult Corp., Elkhart, Indiana

SCHULT TRAILERS

Famous foods

Begins on page 88

His Western Sandwich is one that can make you famous, too, with little effort. Try it for a Sunday-night supper or a very special late-evening snack.

Buffet luncheons are another feature of the Triple H. One of the most popular stars Cheese Strata (recipe given but not pictured). They serve this in a huge pottery baker. Beside it on the table goes a copper chafing dish filled with creamed shrimp or tuna and new peas. Hot muffins or gingerbread squares are passed in a basket. Salad is luscious fruits arranged on a Mexican plate, big as a wagon wheel. This is a meal worth duplicating in smaller scale for a company buffet at home.

Now we'll go on to the Kenyon Ranch where the owners, Mr. and Mrs. William T. Allen (Bill and Sis to their guest "family"), welcome us with traditional Western friendliness.

"It's my third helping!" is the usual statement at Kenyon. The food's that *good!* For the moonlight steak fries, Kenyon Ranch cowboys build a fire of fragrant mesquite logs. Although their barbecue pit is trench style, don't forget your home grill can put that wonderfully delicious, outdoorsy flavor in big thick steaks, too.

Bill and Sis use wooden clothespins as napkin holders, and they brand on each one the name of a guest and the year of his visit. It's an idea for your own outdoor table! See picture on page 89.

Both Triple H Ranch and Kenyon Ranch are famous for their foods; you'll find their favorite recipes right below. Try them yourself for the best in Western-style cooking. Your family and your guests will beg you to prepare these good dishes again and again!

Western Sandwiches

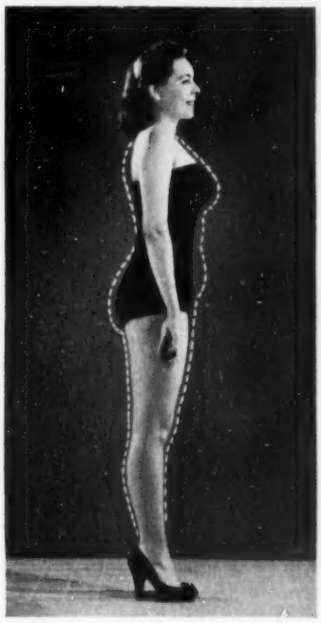
These will be as popular on Sunday night at your house as they are at Triple H Ranch—

- 4 slices bacon, cut in small pieces
- 8 eggs
- ½ teaspoon salt
- Dash pepper
- ½ cup chopped green pepper
- ¼ cup chopped onion
- 16 slices enriched or whole-wheat bread
- Soft butter
- Mayonnaise

Fry bacon. Spoon off about half the fat. Beat eggs slightly; add salt and pepper. Pour egg mixture into skillet. Keep heat low. When mixture starts to set at bottom and sides, lift cooked portions with a wide spatula so uncooked mixture goes to the bottom of the skillet. When eggs are almost firm, remove from heat and add green pepper and onion. Trim crusts from bread; toast on one side. Spread untoasted side of 8 slices with butter, and 8 with mayonnaise. Top buttered slices with hot scrambled eggs, cover with slices spread with mayonnaise. Serve hot. Makes 8 servings. *Note:* When Ray cuts the bacon, he saves time by folding the slices in half, then cutting in crosswise strips.

[*Turn to page 141*

LOSE WEIGHT LIKE THIS | **EAT MEALS LIKE THESE**



EAT HEARTILY AND LOSE WEIGHT

***Diet Without Hunger!* University Tests Show 2.2 Lbs. a Week Average Weight Loss with Food Values in New Waring Hi-Protein, Hi-Vitamin Diet!**

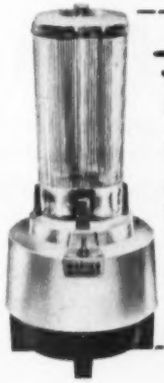
Research reveals way to better health, longer life span through completely different diet! *Free* at any Waring Dealer!

Actual statistics show the mortality rate for men and women of all ages (20 to 64 years) is 47% higher than average. Obesity so impairs health that major diseases are found to a notably higher degree in overweight people.

Now Waring has developed a diet so filled with tasty nutritive foods—even between-meal snacks—that it's a pleasure to take. High on proteins and vitamins, this new kind of diet concentrates on foods that digest slowly . . . to satisfy your hunger fully and eliminate that empty feeling.

Case histories at a leading university show 18.7 lbs. lost in 8 weeks with no between-meal craving . . . an average of 2.2 lbs. a week.

This remarkable new diet is now possible because of WARING BLENDOR'S lightning fast blending action. Wholesome, appetizing, low-calorie foods are homogenized into new taste treats in seconds. You eat delicious meals . . . and you lose pounds!



Free!

Drop By Your Waring Blendor Dealer Today

Pick up your free copy of the new Waring Hi-Vitamin, Hi-Protein Diet while they last. And then take a look at the versatile WARING BLENDOR. Absolutely no obligation.

IF IT ISN'T A *Waring* IT ISN'T A BLENDOR

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"Micarta is ideal for all fine furniture"

Edward J. Wormley

EDWARD J. WORMLEY IS A PROMINENT DESIGNER OF HOME FURNISHINGS AND INTERIORS.

DRESSING TABLE BY DUNBAR

The clean progressive lines of this attractive Dunbar dressing table by Wormley blends naturally with the beauty and utility of the gleaming white Micarta® table surface. In versatile Micarta, prominent designers like Mr. Wormley and dozens of others have found an ideal medium for fine furniture.

This exciting plastic surface is leading the way to refreshing originality in all types of furniture and interior designs. Micarta is equally at home on dining tables, chests, desks, bookcases, coffee tables and chairs.

Micarta, too, reflects the trend toward use of work-free materials. This gleaming material resists burns, stains and scratches. Cleaning involves a mere flick of a damp cloth. It never needs refinishing or polishing.

So turn to Micarta for new charm and new maintenance freedom in your home. Look into its wide range of colors, patterns and wood grain surfaces for every decorative scheme.

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Famous foods

Continued from page 139

Poncho's Limas

2 cups dried Limas
1 teaspoon salt
½ pound ground beef
½ cup onion rings
1 clove garlic, crushed
1 tablespoon chopped hot red pepper
2 tablespoons fat
1 No. 2 can (2½ cups) tomatoes, drained
1 teaspoon chili powder
½ cup grated sharp American cheese

Cover Limas with water. Soak overnight. Add water if necessary and bring slowly to a boil. Simmer uncovered 1 hour, adding salt last half hour of cooking. Drain, reserving 1 cup bean liquid. Brown meat, onion, garlic, and chopped red pepper in hot fat. Add tomatoes, chili powder, Limas, reserved liquid, and cheese. Pour into greased 11½x7½x1½-inch baking dish. Bake in moderate oven (350°) 1 hour. Serve hot topped with extra grated cheese, if desired. Makes 8 servings.

Rancho Birthday Cake

A light, tender cake—big-party size—to gladden the hearts of your own little cowboys—or big ones!—

1½ cups sugar
½ cup shortening
1 teaspoon vanilla
2 eggs
2¼ cups sifted cake flour
2½ teaspoons baking powder
1 teaspoon salt
1 cup milk

Add sugar gradually to shortening, creaming well. Add vanilla. Beat in eggs, one at a time. Add sifted dry ingredients alternately with milk, mixing thoroughly after each addition. Pour into 2 paper-lined 9x1½-inch round pans. Bake in moderate oven (375°) 25 minutes or until done. Cool 10 minutes. Remove from pans. When completely cool, frost tops and sides with "Lazy-K" Frosting; decorate with "brands" of Chocolate Confectioners'-sugar Frosting and small rodeo figures.

Tasting-Test Kitchen Note: To make extra-large cake as in the picture, double the recipe. Bake in 3 layers, using one 12x2-inch round pan, and two 9x1½-inch round pans.

"Lazy-K" Frosting

1½ cups sugar
½ cup water
¼ teaspoon cream of tartar
4 egg whites
1 teaspoon vanilla
1 recipe Chocolate Confectioners'-sugar Frosting

Combine the sugar, water, and cream of tartar. Cook (stir only until sugar dissolves) to very-hard-ball stage (266°). Wipe off any crystals on pouring side of pan with damp cloth. Beat egg whites until stiff but not dry. Pour syrup slowly into egg whites, beating constantly. Add ½ teaspoon vanilla; beat till frosting holds in peaks. Add remaining vanilla; beat till frosting holds in peaks. Makes enough frosting for tops and sides of two 9-inch layers. Decorate with "brands" made of Chocolate Confectioners'-sugar Frosting.

Tasting-Test Kitchen Note: To frost extra-large cake as in the picture, double the recipe.

Chocolate Confectioners'-sugar Frosting

½ 1-ounce square unsweetened chocolate, melted
4 teaspoons milk
1¼ cups sifted confectioners' sugar

Combine ingredients thoroughly. Use pastry tube or paper cornucopia to make brand decorations as shown on page 89.

Hard Sauce

½ pound (1 cup) butter
1 pound (4 cups) sifted confectioners' sugar
1 egg
Cooking sherry or brandy flavoring to taste
¼ teaspoon vanilla
Dash salt
Nutmeg

Cream butter well; gradually add remaining ingredients except nutmeg. Cream thoroughly. Spoon into serving dish; sprinkle with nutmeg. Serve with "Cookie's" Corn Fritters. Keep leftover sauce in refrigerator for next batch of fritters, or to top apple betty or fresh peach cobbler. Makes about 3 cups.

"Cookie's" Corn Fritters

1 cup sifted enriched flour
2 teaspoons baking powder
½ teaspoon salt
2 well-beaten eggs
¾ cup light cream
1 No. 303 can (2 cups) cream-style corn, drained
¼ cup melted butter
½ cup fat

Sift together flour, baking powder, and salt. Add eggs, cream, corn, and butter; stir till mixed. Drop batter into hot fat in skillet, using about ¼ cup batter for each fritter; fry, turning once. Add extra fat if needed. Makes 6 servings.

Celery-seed Salad Dressing

1 cup sugar
1½ teaspoons flour
1 tablespoon paprika
¼ teaspoon dry mustard
½ cup vinegar
2 teaspoons onion juice
1 cup salad oil
1 tablespoon celery seed

Mix sugar, flour, paprika, and mustard. Stir in vinegar. Bring to a boil, stirring constantly. Cool. Add onion juice. Beat oil in slowly. Add celery seed. Do *not* refrigerate. Stir well before using. Recipe makes about 1½ cups.

Cheese Strata

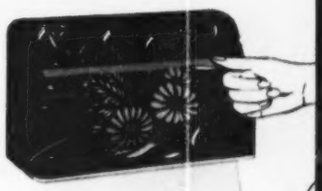
12 slices day-old bread
½ pound American cheese, thinly sliced
4 beaten eggs
2½ cups milk
1 tablespoon grated onion
1 teaspoon salt
½ teaspoon dry mustard
Dash cayenne

Remove crusts from bread. Cut on the diagonal. Arrange 6 slices in greased 11½x7½x1½-inch baking dish. Cover bread with cheese slices, then remaining bread. Combine remaining ingredients and pour over bread. Sprinkle top with paprika, if desired. Let stand in refrigerator at least 1 hour. Bake in slow oven (325°) about 40 minutes or till puffy and golden brown. Makes 6 servings.

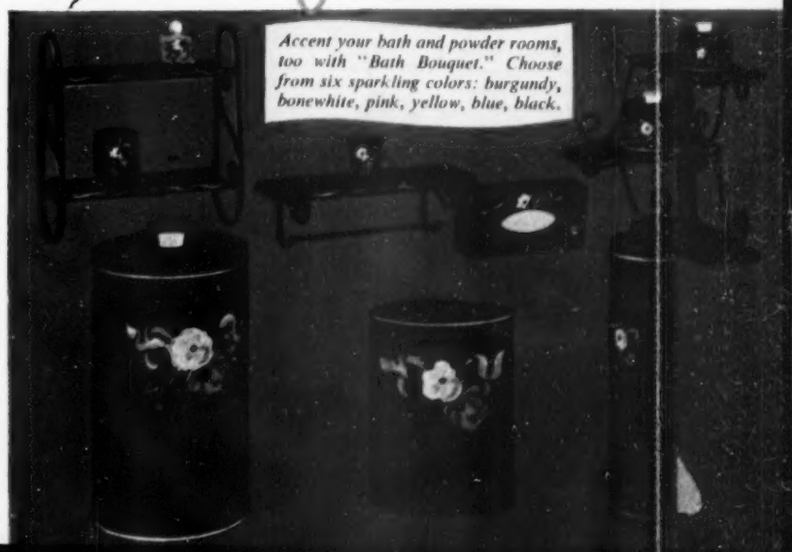
*LOOK FOR THE RANSBURG LABEL

Get that *Luxury Look*...
for a Practical Price!

Spotlight your kitchen with crisp, clear color, give it a brand new look with Ransburg Kitchen accessories.



Anyone can afford the luxury of Ransburg free-hand painted originals. Start with a 4-piece canister set (about $5.00) and build a complete matched set . . . You can add to it anytime—"Kitchen Bouquet" is always available. Write for the names of department stores and hardware stores featuring Ransburg accessories. Harper J. Ransburg Co., Inc., Barth and Sanders Streets, Indianapolis 7, Indiana. Also available in Canada.



Accent your bath and powder rooms, too with "Bath Bouquet." Choose from six sparkling colors: burgundy, bonewhite, pink, yellow, blue, black.

frying is different, today!

...with the NEW
MIRRO
warp-proof
FRY PAN

try this

FRIED CHICKEN

1 frying chicken—about 3 pounds
¾ cup flour
1½ teaspoons salt
¼ teaspoon pepper
1 teaspoon paprika
1 cup shortening

1. Have the chicken cut into individual serving pieces. Rinse in cold water and drain.
2. Mix flour, salt, pepper and paprika in a paper sack. Shake 3 or 4 pieces of chicken at a time to coat thoroughly.
3. Heat enough shortening in the MIRRO Fry Pan to make a layer of fat ½" deep.
4. Carefully place the chicken into the hot fat, skin side down. Brown and turn.
5. Add 2 tablespoons of water and cover quickly. Reduce heat and cook slowly for 25 to 30 minutes, until the chicken is tender. To crisp the crust, remove cover and cook an additional 5 to 10 minutes.

Get **MIRRO** *at department, hardware, and home furnishing stores, wherever dealers sell the finest aluminum.*

Guaranteed by Good Housekeeping

COMMENDED PARENTS' MAGAZINE

MIRRO
THE FINEST ALUMINUM
your best buy!

● Until you've used this new MIRRO warp-proof pan, all your ideas about aluminum fry pans are out of date! Wobbly, warped bottoms? Hard to clean? *Forget* 'em . . . and start enjoying satisfying successes and easy care, with this fine new pan.

Made of famous MIRRO-MATIC metal! The secret is that it's made of the same extra-hard, extra-thick, light aluminum alloy used and *proved* warp-proof in millions of MIRRO-MATIC Pressure Pans! Six years of home testing this new fry pan on every kind of kitchen range, prove without question that it will keep a perfectly flat frying surface, in normal use. The hard, smooth metal heats evenly, resists sticking, and is easy to clean. Cool, hand-fitted plastic handles. New sliding hanging-ring is an added convenience. Domed covers available for each size.

Start a set, with the size you like best. Or, for real kitchen luxury, start *with* a set of all four.

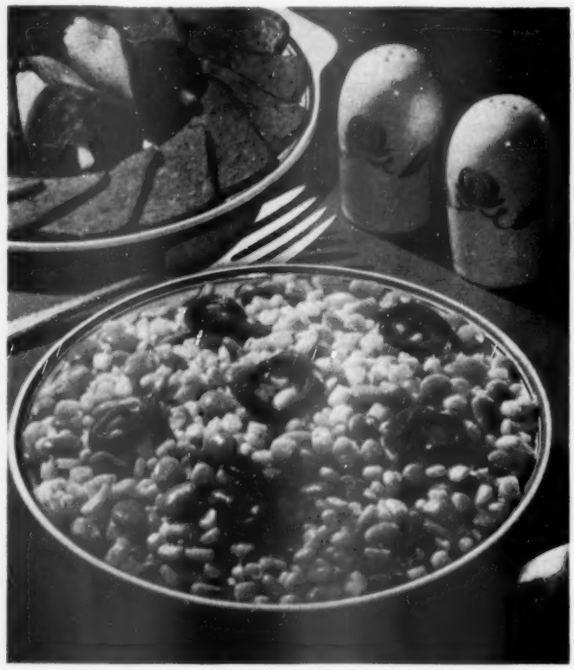
MIRRO FRY PANS	DOMED COVERS
7", 1.75	7", .65
9", 2.75	9", .85
10", 3.45	10", 1.00
11", 3.95	11", 1.25

Prices slightly higher in west

ALUMINUM GOODS MANUFACTURING COMPANY • MANITOWOC, WIS.
WORLD'S LARGEST MANUFACTURER OF ALUMINUM COOKING UTENSILS

Team up vegetables

Try autumn vegetables in these delicious combinations. For a treat let two or three "keep company" in one tasty, colorful dish

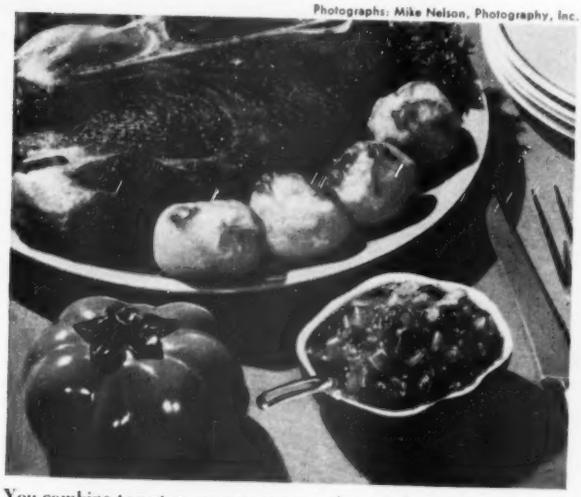


Pair off golden corn and tiny green Limas. That's good old-fashioned Succotash! Serve it hot and buttery, trimmed with pimiento. For a quick supper, add a platter of tasty, ready-to-serve meats. Pass warm, buttered French bread. Your dessert is fresh-peach sundaes

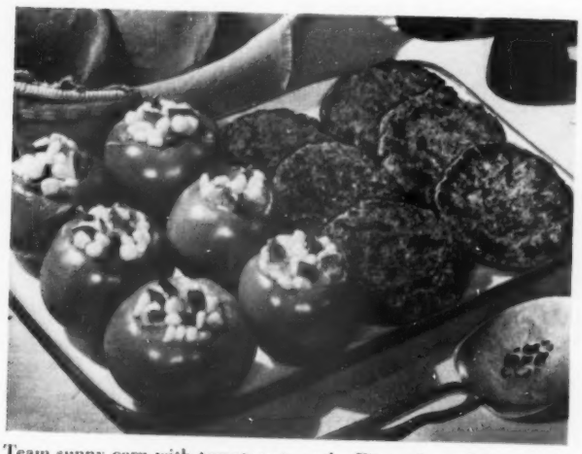
This twosome's corn 'n' cabbage with just enough flavor of bacon to make it truly delicious. We call it Indian Cabbage. The shredded cabbage and fresh corn cook a brief 7 minutes—keep their garden goodness. Be sure to try this vegetable fix-up with your next pork-chop dinner. With it, serve baked potatoes, hot rolls, and cranberry sauce

A quick 6-minute cook and this vegetable trio—cabbage, green pepper, and celery—is ready for your table. Surround Confetti Cabbage with plump franks, then treat the family to a dining-room picnic! Fun for the kiddies, easy on you! With this meal pass hot potato chips, toasted buns, crisp carrot sticks. Have apple pie a la mode for dessert

Photographs: Mike Nelson, Photography, Inc.



You combine tomatoes, green pepper, celery, and tart apples for this easy-to-make Rosy Relish. It's a delightful flavor companion for roasts, hot dogs, and hamburgers. Can a number of jars of this spicy relish so you'll have it on call to pep up fall and winter meals. And put up a few extra jars of relish to give your friends for a surprise



Team sunny corn with tomatoes to make Fiesta Cups. Pop them in the oven for a 20-minute bake to go along with juicy burgers. Your whole family will like these red-and-gold pals. To add a chef's touch, sprinkle inside of tomato "bakers" with a pinch of basil before filling

Recipes on page 163

Start right—finish LIGHT!

CALUMET "Makes" This Family Favorite!

CHOCOLATE-CREST WHITE CAKE

A Product of General Foods

2¼ cups sifted Swans Down Cake Flour
3¼ teaspoons Calumet Baking Powder
1 teaspoon salt
1½ cups sugar
½ cup shortening
1 cup milk
1½ teaspoons vanilla
¼ teaspoon almond extract
4 egg whites, unbeaten

Note: Want to *insure* your baking success? Then do as the winner of the top cake prize at the Pillsbury Bake-Off does. When your recipe calls for baking powder, reach for CALUMET. You can *depend* on CALUMET for prize-winning lightness. That's why the experts who planned the Pillsbury Bake-Off made CALUMET the official baking powder. And *your* best bet is CALUMET Baking Powder—for cakes, biscuits, muffins and other home-baked treats.

Method. (Mix by hand or at a low speed of electric mixer. Count only actual beating time or strokes. 150 strokes by hand equal 1 minute of beating on mixer. Scrape bowl and spoon or beater often.)

Sift flour once, measure, add baking powder, salt, and sugar. Stir shortening to soften. Sift in dry ingredients. Add ¾ cup of the milk and the flavorings and mix until all flour is dampened. Then *beat 2 minutes*. Add egg whites and remaining milk, blend, and *beat 1 minute* longer.

Baking. Pour batter into two round 9-inch layer pans, 1½ inches deep, lined on bottoms with paper. Bake in moderate oven (350°F.) 25 to 30 minutes, or until done. Cool.

Frosting. Spread chocolate frosting between layers and over top and sides of cake.

Pillsbury's Bake-Off National

Calumet—America's Quality Baking Powder—was chosen the official baking powder for Pillsbury's Fourth Grand National Bake-Off!

DOUBLE-ACTING Calumet BAKING POWDER

look at it this way

emotionally...

you're bound to feel more poised, more secure on "those days," if you adopt the Tampax way, the internal method of monthly sanitary protection. When odor can't form, when there are no belts or pins or bulky, external pads to "show," your major monthly worries disappear.

logically...

there's every good reason in the world for turning to Tampax. It's so much more discreet – when you wear it and when you buy it. (Actually so small a whole month's supply goes in your purse.) It's highly absorbent – easy to insert and easy to dispose of. Can be worn in tub or shower.

factually...

Tampax is made of compressed white surgical cotton in throwaway applicators. It was invented by a doctor more than twenty years ago. And it's used by millions of women no different from you!

Isn't it high time you tried Tampax? Get it at drug or notion counters in your choice of 3 absorbencies: Regular, Super, Junior. Tampax Incorporated, Palmer, Mass.

Accepted for Advertising by the Journal of the American Medical Association

Grow a tree in a flower bowl!

By Fae Rowley

Yes, you can grow trees so tiny that they can live in flower bowls—and for generations! Tree dwarfing is fast becoming a popular hobby.

Orientals call this ancient art *bonsai*. *Bon* means shallow pot, and *sai* means to plant.

Chiyokichi Takahashi is a foremost authority on *bonsai*. In the pictures below, he shows you, step by step, how to start a miniature tree.

You can begin by sowing your own seed. Monterey pine seeds are among the easiest to root. Or you can purchase tiny, year-old seedlings from your nursery. [*Turn to page 146*

Here you see a miniature grove of spruce trees, 25 years old!

How to transplant seedling

Transplant 1-year-old seedling. This refreshes the soil and keeps your tree from becoming rootbound. Remove all old, dead parts of roots. Cut from ½ to ¾ inch off the bottom of the taproot with shears

Tie a loose, single knot at end of taproot (hidden by right hand in picture). Now wind fibrous roots around stub of the taproot. Near the leaves, note where a shoot has been trimmed off to shape tree

Photographs: Evans

For a year-old seedling, choose 2-inch pot with drainage hole or with charcoal or pottery chips in the bottom. Evergreens do best in soil that contains 50 percent sand, while flowering trees thrive in 20 percent sand. All mixtures must contain 10 percent leafmold

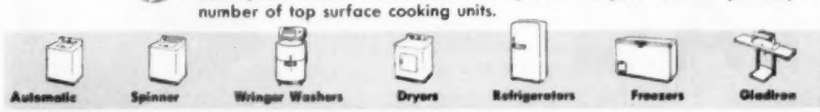
Compare 1-year-old maple sapling (right) with larger, 4-year-old tree. After first transplanting, replant evergreens every 4 or 5 years, flowering or fruit trees each year, and broadleaf trees every 2 years. *At each planting, the taproot must be cut and wound as above*

Stoop no more my lady! Switch to the

New Thor* built-in electric range

STYLED BY JOSEPH R. MANGO, I. D. I.

Here is just one of the practically countless arrangements that are possible with the flexible new Thor Built-in Electric Range. Should you desire, two or more ovens can be easily built into your kitchen—plus any number of top surface cooking units.



THOR CORPORATION • Chicago 50, Illinois

You'll feel like singing "Stoop No More My Lady" from the very first day you start enjoying your new Thor Built-in Electric Range with the "eye-level" oven! What a back-saver! There's no more stooping when you bake, broil, or roast delicious meals! With the BIGGEST built-in oven of them all installed at convenient eye-level, there's never any stooping, straining or stretching—even for quick oven clean-ups.

Just as wonderful is the way the new Thor Built-in Electric Range saves you thousands of tiring steps every year! Those top-surface cooking units are installed in your kitchen counter-tops right where you want them—no wasted steps—ever!

Building a new home or remodeling your present home? Find out how economically you can enjoy automatic electric cooking at its finest—with the new Thor Built-in Electric Range and "eye-level" oven! Ask your local kitchen modernizing dealer, contractor or architect for complete details.

When you think of **VALUE** . . . think of **THOR**

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Send 10¢ for Kitchen Planning Book

What type of kitchen is best for your family's needs? You'll find the answer in the new Thor Kitchen Planning Book—jam-packed with wonderful modern kitchen ideas!

THOR KITCHEN PLANNING CENTER
Leeson Steel Products, Inc., Dept. BHG
Subsidiary of Thor Corporation, Chicago 50, Illinois

Enclosed find 10¢ for new Thor Kitchen Planning Book.

Name .....

Address .....

City ..... Zone ..... State .....

I am interested in ( ) remodeling kitchen; ( ) building new home (check one)

Here's a beauty bath for dishes *and* hands

Silky water!

Dishes shine . . . and your hands stay beautiful! Because mild, kind-to-your-hands soaps do an astonishing job in *silky water.* Glassware, silverware, pots and pans . . . *everything* sparkles . . . with less work, less soap!

Soap in *silky water* forms suds instantly! Cleans like magic! Annoying dishpan scum cannot form in *Silky water. And* your skin is protected from unsightly "detergent irritation" when you use soap in *silky water.*

Calgon®

MAKES ANY WATER

Silky water!

Just add enough Calgon to make the water feel silky between your fingers . . . that's silky water.

YOUR STORE HAS CALGON . . . Get THREE BOXES

FOR THE BATHROOM . . . *silky water* for baths, shampoos, shaves, wash-bowl laundering.

FOR THE LAUNDRY . . . *silky water* for the cleanest, brightest washes you've ever had.

FOR THE KITCHEN . . . *silky water* for gleaming dishes . . . for easier household cleaning.

Next time you shop . . . be sure you get Calgon . . .
LEADING SILVERSMITHS AND CHINAMAKERS RECOMMEND IT

Grow a tree in a flower bowl!

Begins on page 144

If you have a sapling in your yard—one broken off in attempting to pull it—use it for dwarfing when it sprouts next year.

Easiest and most popular types to grow in miniature are Japanese maple, Mugho pine, juniper, cypress, and cryptomeria. But you can grow any tree to fit a bowl.

Sandy loam or soil fertilized with hormones and vitamin B will give you healthy seedlings, if you choose to root your own. An ordinary flat takes 200 seeds. Shelter flats from sun and wind.

As your *bonsai* grows, give it fertilizer only when it's needed—perhaps twice a year—to achieve the desired size. Plant food containing nitrogen, phosphoric acid, and potassium is best. If the tree looks weak, sprinkle soil with about ⅛ teaspoon blood meal which is high in nitrogen.

How to shape tree for beauty

When tree is 4 years old and large enough to handle, wind trunk and branches with copper wire to shape them.

Don't distort sapling—but bend it in a natural curve, so that eventually your tree will look windblown, and appear to be centuries old.

Leave wire on 2 years. It won't rust or scar bark.

Trim your tree twice a year. Use shears to clip off every shoot unnecessary to the desired graceful shape.

A good *bonsai* shows few traces of pruning, so cut on a slant just above joint. Then cut portion won't show. If you're growing a pine tree, trim tips of branches.

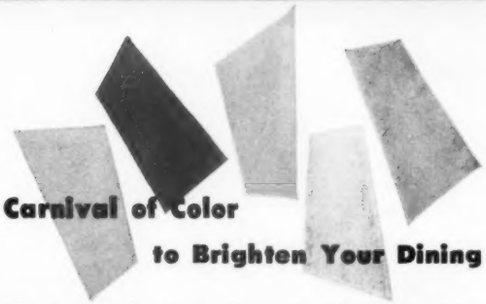
How to water a dwarf tree

A successful dwarfing results from keeping the tree just short of starvation.

Yet it must have enough water or it will die quickly. Water tree only when soil feels dry to your touch.

For this size, use ¼ cup water. Sprinkle the tree with plant syringe before watering soil. *Bonsai* here is a juniper.

More on page 148



A Carnival of Color to Brighten Your Dining

Vivid, singing *flamingo*, dramatic *black-and-white*, a palette of petal-soft pastels . . . Daystrom dresses its smartest Coloramic dining groups in enchanting new high fashion hues!

And Coloramic is as practical as it is decorative. Those sleek, satiny frames hide the strength of steel, finished in lifetime color. Rugged Daystromite* table tops and wipe-clean chair fabrics make light, bright work of your housekeeping.

See these and other smartly styled, thriftily priced Daystrom groups soon—at your favorite furniture or department store.

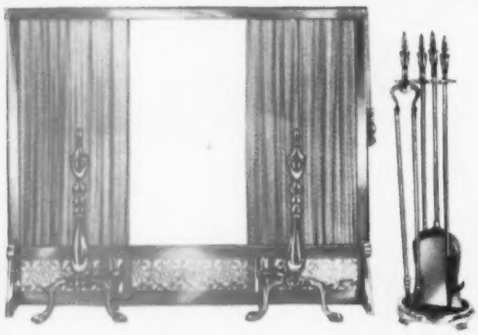
Look for the Daystrom arrow and be sure

-it's DAYSTROM furniture!

DAYSTROM

The mark of fine furniture in Coloramic®, Sunnywood* and Chrome. Daystrom Furniture, Olean, N. Y. *Trademark

Fireplace Fashions by Puritan



THE Puritan ENSEMBLE

The distinctive styling and individuality of the Puritan will add charm to your fireplace. This beautifully constructed ensemble consists of curtain screen 38" x 31" with solid brass frame and bottom perforation in rosebud and tulip design. Gleaming solid brass andirons and solid brass fireset of tongs, shovel, poker and stand. Special size screens are available.

ONLY $59.95 postpaid

Check or Money Order

Firelite Shop

ORANGE, CONNECTICUT

Grow a tree in a flower bowl!

Continued from page 146

These trees are full-grown

Nishitani dwarfed this native Washington vine maple. It's 25 years old, measures 27x20 inches. Keep this kind of tree in a warm or protected spot during cold weather. They shed their leaves in autumn as do all trees of similar type

Dearborn-Massar

This is a Mugho pine—measures 31x14 inches and is 40 years old. Like the other two, this graceful *bonsai* is in the size range most popular in the Orient. It can be cared for easily, and is a size that looks well with home furnishings

Here's a Japanese yew that is 25 years old. It is 28 inches wide and 17 inches high. This *bonsai*, like normal members of the pine family, is little affected by rain or snow. But be sure to shelter all of your *bonsai* from the hot summer sun. Just give them enough sun to keep their foliage healthy

More house for your money than ever before!

See for yourself in Exhibit Homes during NATIONAL HOME WEEK, September 20-27

NATIONAL HOME WEEK · SEPTEMBER 20-27 ·

Curtains of Riverdale Fabrics by Cameo, decals by Meyercord, wall covering of Varlar.

UNDER the leadership of the National Association of Home Builders, the builders of America today are giving you more comfortable living, more value than ever before in the new homes they are building for sale.

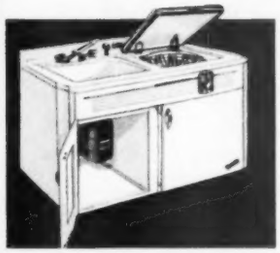
A beautiful Youngstown Kitchen—included by more and more builders each year—adds lasting value to your home . . . keeps it modern for years. Rugged *steel* Youngstown Kitchens save time, save work.

Advances like Youngstown Kitchens Jet-Tower* Dishwasher and Food Waste Disposer cut kitchen time in half, give housewives added leisure.

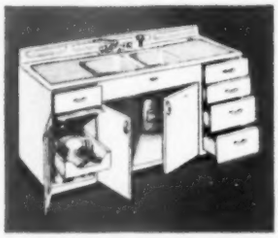
Inspect exhibit homes open in your community for a look at these latest advances in modern living. They will spark your imagination, whether you are buying or modernizing.

Thousands of builders, architects and Youngstown Kitchen dealers are equipped to give you specialized kitchen planning and decorating advice. Send coupon below, and visit the exhibit homes open for inspection.

MULLINS MANUFACTURING CORPORATION
WARREN, OHIO
Youngstown Kitchens are sold throughout the World
*Reg. U.S. Pat. Off.

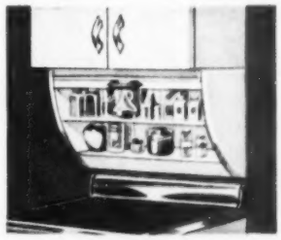


Youngstown Kitchens Electric Sink, featuring the Jet-Tower* Dishwasher, gets dishes *hygienically* clean in less than 10 minutes. Food Waste Disposer, rinse spray extra. Ask also about 27" Jet-Tower* Dishwasher.

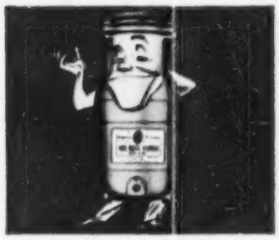


Youngstown Kitchens Cabinet Sink, 66" De Luxe Twin, makes kitchen work easier. Top of one-piece, acid-resisting porcelain-enameled steel. Two bowls, two big drainboards, swinging mixing-faucet, rinse spray. One of 13 luxury models.

Rotary Corner Wall Cabinet and Rotary Corner Base Cabinet make full use of otherwise-wasted corner space. Cabinets have three rotating shelves for plenty of storage. Shelves turn together to bring desired articles within easy reach.



Rolling-Door Cabinet. Fits under wall cabinets . . . keeps spices, condiments, other small articles nearby, easy to reach. One among dozens of other wonderful convenience units for *your* beautiful, new Youngstown Kitchen.



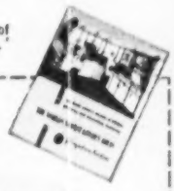
No garbage! Youngstown Kitchens Food Waste Disposer shreds away food waste before it can become stale, smelly garbage. Easy to install. Three ways best: nonstop feeding, double-action shredding, self-cleaning action.

Youngstown Kitchens

See the new "Decorator's Handbook" at your nearby Youngstown Kitchen dealer's. This professional guide to kitchen decorating will give you new ideas on how glamorous, yet practical, your kitchen can be.

"Be Your Own Landlord" If you long for a new home, as indicated by your check mark on the coupon, we will send 24-page book loaded with valuable facts you'll want to know about home ownership.

For the name of your nearest dealer, consult the yellow pages of your telephone directory under "Kitchen Equipment—Household," or "Kitchen Cabinets," or call Western Union, Operator 25.



Mullins Manufacturing Corporation
Dept. B-953, Warren, Ohio
Please send newest kitchen-planning, decoration ideas. I enclose 10c to cover the cost of mailing. (No stamps, please.)

I plan to build a house ☐ I plan to buy a house ☐
I plan to modernize ☐

NAME (Please print) _____

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Color Conditioned with Du Pont Paints: DUCO Semi-Gloss Dolphine Blue, Cherokee Red. DUCO Gloss Admiralty Blue, White, Black.

It's so easy to paint with DUCO® ENAMEL

and it stays beautiful for years!

It's "One-Coat Magic"!

You'll never know how wonderfully easy painting can be till you use amazing Du Pont DUCO. You'll love the smooth, easy way it glides from your brush . . . the way it transforms surfaces, usually in just one coat!

Still bright after 6 years!

Yes, homemakers report 6 years, 8 years, even longer periods of protection and beauty from DUCO on surfaces subjected to hard knocks, grease, dirt, steam, cooking spills, heat and cold!

Washes like a china dish!

In kitchen or bath—on woodwork or furniture—on *any* surface, DUCO gives a finish that's as hard and smooth and truly washable as the finish on your refrigerator. White *stays* white . . . colors *stay* bright!

Costs less than you think!

For less than $7.00, you can repaint an average 7′ x 10′ kitchen with a coat of DUCO. It comes in Gloss and Semi-Gloss and in a wide range of stunning colors from pastels to modern, deep-tone shades. See your Du Pont Paint dealer today!

Amazing new Du Pont FLOW KOTE Rubber-Base Wall Paint

Now Du Pont FLOW KOTE makes redecorating living room, dining room and bedroom walls faster and easier than ever! Goes on with brush or roller . . . dries in 30 minutes. Paint a room in half a day! Wide range of colors.

DUCO is preferred and used by leading painters everywhere

DU PONT PAINTS CHEMICALLY ENGINEERED TO DO THE JOB BETTER

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BETTER THINGS FOR BETTER LIVING
. . . THROUGH CHEMISTRY

"Going to paint?"

SEND FOR NEW FREE BOOKLET

For booklet containing complete information on interior and exterior home painting, see your Du Pont Paint dealer or write Du Pont Co., Dept. B-39, Wilmington, Del. (Offer good only in U.S.A.)

How much is enough insurance?

Continued from page 11

Ruth and the children a livable income until the children are grown. It would be $293 monthly at first, drop to $252, then to $149 as Social Security payments diminish and drop off. For a time Mrs. Smith would be dependent entirely upon insurance, receiving $93 a month, but by then she might be working or renting out a portion of her house. With the resumption of Social Security payments after she reaches 65, her income would go up to $156 monthly.

Ruth would have begun drawing against the $10,000 policy's face value after the youngest child became 20. She could arrange all the life-income payments to continue for a 10- to 20-year "certain" period (and for life thereafter). If she died during that period, the remaining guaranteed payments would go to the children.

But how much will Henry pay for this protection for his family? The detailed list shows it is taking $445 before dividends; less than 7 percent of his income. It would take $413 after using dividends, or about 6½ percent of his earnings.

John Lee, 35, income $4,900

A World War II veteran with a well-rounded program, John Lee has converted his $10,000 National Service Life Insurance policy from term to straight life, and it is now building cash values. When he was 30, he bought an $8,000 family-income policy to provide coverage for 15 years, or until his youngest child reaches 18. He also is covered by a group life policy on which his office pays the premium.

The group policy would provide his family with cash for expenses, while the others would add $148.70 monthly to the amount his wife might draw from Social Security. The family-income policy, of course, would retain its face value at the end of the 15-year pay period.

His premiums amount to $405 a year, but dividends on his National Service and family-income policies can be expected to reduce the cost to about $305 per year. This means he has $19,000 in life insurance (four times his income), while the cost is within the range of 6 to 7 percent.

A recent study made by the Survey Research Center of the University of Michigan shows the 6 to 6½ percent the Johnsons and Smiths are putting into life insurance is not an unreasonably large amount. The study, made for the Institute of Life Insurance, shows that nearly 1/5 of America's families are placing between 5 and 9 percent of their incomes into life insurance. Some are placing as much as 15 percent, while there are some who purchase no protection.

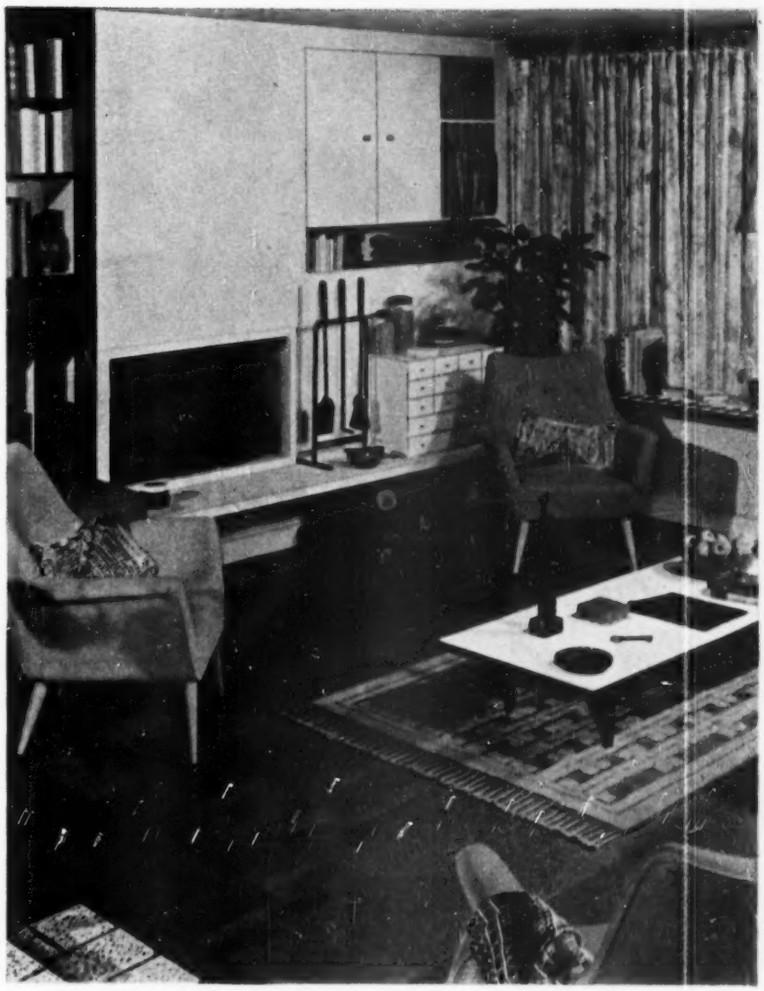
When Johnson or Smith finds he no longer needs to protect his family, he can draw on the policies for retirement funds, because all individual life-insurance policies (except term policies) have an element of saving for the policyholder. This is known as *cash value*. Depending on the size of the premium, these values may grow gradually or rapidly.

A husband can choose how he wishes to use the cash value of the policy. If he converts to retirement income, the protection feature is replaced by a "certain pay" period.

If the wife is working, the experts advise the husband's general rule be modified for her. She must be careful not to overbuy, especially on the basis of high, temporary earnings. The husband's program comes first and must be sustained.

Life insurance gives a great deal of family financial protection in return for a comparatively small yearly sum. This is important because taxes have made it increasingly difficult for a family to accumulate enough money to take care of itself, even with wise investments. And after an investment program is begun, there always is the risk that the father may not live to complete it.

Most important is the peace of mind shared by families with a sound insurance program.



Here's an idea for a rich-looking den

You don't have to spend a lot of money on furnishings to have a luxurious-looking den. Take this handsome room, for example. While it owes some of its charm to "extras" like the raised fireplace, it gets most of its warmth and richness from something that's within the reach of almost every household budget—a floor of Armstrong's Cork Tile.

The golden tones and rich, textured appearance of Armstrong's Cork Tile make it a superb background for almost any color scheme. Its subtle, neutral coloring is an equally effective base for either modern or traditional decoration and furnishings. This floor is luxuriously warm and comfortable underfoot, too, with the natural resilience of cork cushioning every step. You'll find that Armstrong's Cork Tile is also an unusually quiet floor, that effectively muffles the sound of footsteps.

You'll be pleasantly surprised at the reasonable cost of Armstrong's Cork Tile. With all its luxurious characteristics, Armstrong's Cork Tile is less expensive than most other fine flooring materials. See your local Armstrong merchant. He'll be happy to show you samples and give you a free estimate.

SEND POST CARD FOR FREE BOOKLET. It gives you complete information about Armstrong's Cork Tile for both floors and walls. A sketch plan of this den with a color scheme description and list of furnishings will also be sent free on request. Just send your name and address to Armstrong Cork Company, Floor Division, 5309 High Street, Lancaster, Pennsylvania.

ARMSTRONG'S CORK TILE

Made by the makers of Armstrong's Linoleum, Armstrong's Quaker® Rugs, Armstrong's Asphalt Tile

It's really TWO automatic washers in ONE!

LET'S face it—ordinary automatic washers just weren't *designed* to pamper today's delicate new miracle fabrics. They give everything from denims to dainties the same treatment!

But *Hotpoint* — that's a different story. Because this beautiful new Hotpoint is really *two* automatic washers *in one!*

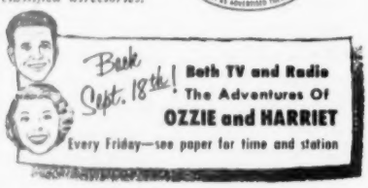
Just set the dial to "Normal" and your regular family laundry is washed spanking clean without your so much as lifting a finger.

Turn the dial to "Delicate" and you have a *second* automatic washer with a special *short* washing cycle that caresses your finest, most fragile lingerie with hand-washing gentleness!

Hotpoint is the *only* washer with two cycles. Be sure to see it*! And see Hotpoint's matching *sealed-tight* dryer, too. Hotpoint Co. *(A Division of General Electric Company)*, Chicago 44, Ill.

**Dealers are listed in most classified directories.*

Guaranteed by Good Housekeeping



Everybody's Pointing To

Hotpoint

Quality Appliances

—IN THIS CASE BECAUSE ONLY HOTPOINT IS **Two** Automatic Washers In **One!**

Add "to-grow-in" features . . .

To save on children's

By Charlene Warren

Looking for ways to ease the strain that children's clothing puts on the family budget? Here are ideas for making garments "grow" right along with your child.

In collecting these ideas, *Better Homes & Gardens* consulted a number of mothers and also Lucille Rea, clothing specialist at Iowa State College, for suggestions.

Some of these tips can be applied to ready-made garments. Others require planning ahead when you sew, allowing extra length and width here and there so the clothes can be utilized later. Along with their ideas pictured on these pages, we give you other wardrobe stretchers you may want to try on your own children's clothes.

You'll find that you can let down a deep hem, disguising the mark of the original one by stitching bias tape over the old hemline. For a [*Turn to page 155*

Hard to believe, but it's true! Little Tim, aged 3, and Tommy, a year his senior, are wearing the same size overalls. And you can see that both pairs fit well!

Secret of good fit — in spite of 4-inch difference in boys' heights — is in the expansible features added to the pattern when the overalls were made.

All three ideas are easy to incorporate in your sewing.

See how to adjust little girls' dresses on page 155

Three sewing tricks

Allow several inches more than the pattern requires when you cut out straps for overalls like these.

When the overalls begin to bind a bit at the crotch seam, lengthen them by simply lowering the buttons on the shoulder straps.

clothes

Full back and deep sleeves offer extra wear

Happy choice for a budget wardrobe is a coat that gets two or three seasons' wear.

Just right for Becky (left), the same size fits Jane who is taller. For Jane, cuffs were added to lengthen the sleeves, and hem was let down.

At right, Jane pulls Becky's coat out to show back fullness, a feature that helps insure extra seasons of wear.

give "growing" room to overalls

Photographs: Hopkins

Add an extra inch or two to each side of the back of overalls in order to increase the waistline as the "little man" in the family begins to expand around the middle. It's neatly hidden.

For more waistline room, move the button over or let out the seam.

Put a good 2- to 2½-inch hem in legs of overalls you make for a little guy. A big hem allows for lengthening when he starts shooting up.

To remove old hemline marks, rub gently with cleaning fluid. Steam-press line after the fabric is dry.

Makes LIGHT work of drying the HEAVIEST wash!

LUGGING a heavy laundry basket—and bending and stretching to hang clothes up to dry—is a MAN-sized job! *Unless* you have a Hotpoint Automatic Electric Clothes Dryer.

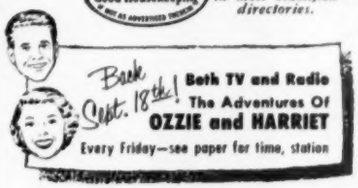
Then it's child's play. You just slip the clothes in, set the dials, and everything's dried *automatically* in a sun-pure, washed-air breeze—comes out softer, fluffier, sweeter than new—ready for ironing or completely dry, as you prefer!

Yes, and unlike ordinary dryers, no annoying lint, heat and moisture can escape from a Hotpoint. The world's *first* dryer with a *sealed* drying chamber, it eliminates the need for unsightly venting!

See this remarkable new electric dryer and matching automatic washer at your Hotpoint dealer's.* Both are reasonably priced. Hotpoint Co. *(A Division of General Electric Company),* Chicago 44, Illinois.

Guaranteed by Good Housekeeping

*Dealers are listed in most classified directories.



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—IN THIS CASE BECAUSE HOTPOINT Requires No Costly Venting!

We test TV blood pressure so you'll have a better picture

At the Zenith plant we call this "peaking the picture." When a set's "bloodstream" or circuits work perfectly the curved green line of light forms the inverted peak you see here.

It takes superior circuits to give you a TV picture as fine-grained, as clear and undistorted as a new Zenith does. That's why the condensers in Zenith circuits wear costlier bakelite jackets . . . why 580 connections are skillfully soldered by hand . . . why every Zenith television receiver must pass 6 major inspections.

It costs us a little more to be this particular about the quality of television we offer for sale. But we have the satisfaction of knowing you will enjoy better reception, longer . . . whether the price tag on your Zenith reads $179.95* or $1250.*

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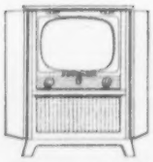

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ZENITH MENDELSSOHN

Console Model L2267E

$469.95*

But one of 52 superbly crafted new Zeniths. In sand tone oak veneer and solids, a fitting companion for its brilliant 246 square inch picture. New Cinébeam picture tube gives crisper definition, blacker black and whiter white. Other Zenith picture sizes: 27, 24 and 17-inches. Built-in Antenna in every Zenith TV from $199.95.* Other Zenith TV from $179.95.*

New chassis—brings in distant stations with ease. New Zenith Super-K Chassis with greater sensitivity to sound, exceptional picture signal selectivity, outdistanced every set tested against it in coast-to-coast tests . . . in TV's toughest trouble spots.

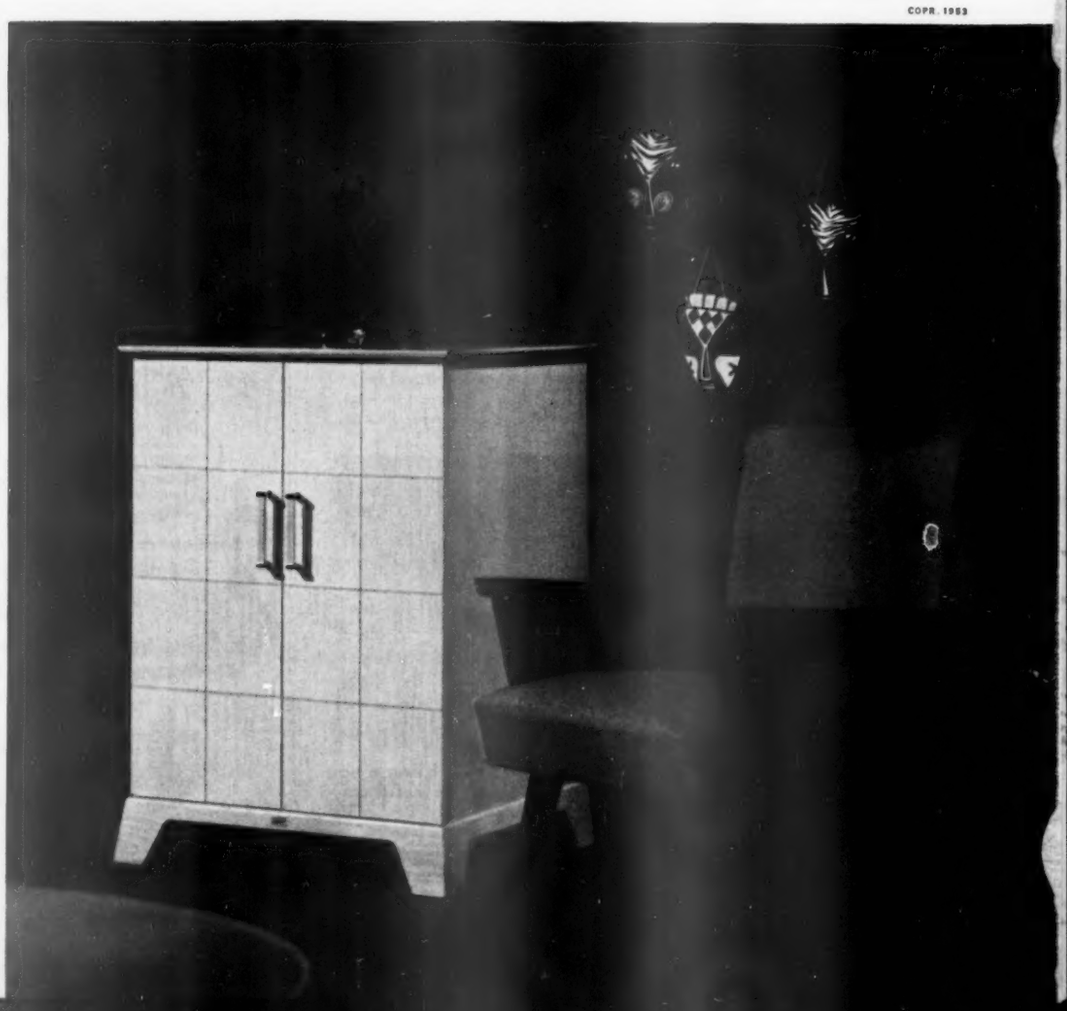
New—TV's two best ways to tune UHF and VHF. You'll enjoy one-knob, Bull's eye tuning of Ultra High and Very High Frequency Channels with Zenith's exclusive Turret Tuner. Teamed with a remarkable new Zenith All-Channel Continuous Tuner you get all 82 channels. (Continuous Tuner is optional, extra.)

New—easily visible channel numbers. Zenith Spotlite Dial for exclusive Turret Tuner lights a big, clear channel number you can see across a room. Channel number changes automatically as you switch stations.

New—table TV with big-set tone. Zenith exclusive Band Shell Speaker pops up, beams sound right at you, as consoles do. Pops down out of sight when not in use. Available on 21 and 17-inch Zenith table models.

5 new Zenith TV-Radio-Phonographs with brilliant high fidelity sound systems bring true, rich, natural reproduction of voice and music once obtainable only in costly custom-built sets. Specially designed 12-inch Zenith high fidelity speaker and 13 oz. alnico magnet increase range of tones and overtones by 50%.

**Manufacturer's suggested retail prices include Federal Excise Tax and Parts and Tube Warranty. Slightly higher in South and Far West.*



To save on children's clothes

Begins on page 152

decorative effect sew two or three different widths of bias spaced a few inches apart and parallel to each other. Or use just one wide bias strip in a gay, contrasting color, carrying the color to another part of the garment. You might use it in a belt, collar, or cuffs.

- Add a deep ruffle (made from a wide sash that may have been worn with dress) to bottom of a gathered skirt that's too short. Replace sash with a narrow belt or ties.
- In making a child's coat, include a generous 1-inch tuck in lining just above hem. To lengthen coat, rip out the tuck.
- Replace front and back yokes of an outgrown dress or jumper with a longer yoke of contrasting fabric. You may find it necessary to cut a deeper armseye and add contrasting sleeves to fit the new armseye.

To increase length at waistline:

- In a dress, rip stitching at waistline and set in a belt—wide or narrow as you like.
- Add extra length to the waistline of a dress when you sew, using the extra length for a horizontal tuck which can be let out later when the waistline is too short.
- When making button-on blouses or shirts for toddlers, cut them 2 or 3 inches longer than the pattern. This allows for lengthening by lowering the buttons.

Ideas for dresses that "grow" with little girls

How high can a girl grow in the same dress? Maureen is 5 inches taller than her little sister Lorraine. Yet in this style, they can wear the same size.

Unique features—an indefinite waistline, a roomy sleeve, and a neat trick for lengthening the skirt—make this simple but smart dress "growable."

Here's a close-up of the "growing room" offered by girls' dresses of this style. See how roomy the sleeve is.

Indefinite waistline can accommodate 3 to 4 inches more tummy and not be too snug for comfort. For a fitted look, cinch in the waistline with a self-fabric belt.

You can insert a wide bias strip to lengthen a dress if it still isn't long enough when you let the hem down. Or else use the bias strip as an attractive trim to cover an unsightly hemline mark

For all the tomorrows make the right choice today

There are many important "once in a lifetime" decisions all of us must make—one of these being a choice of home heating equipment. All the pleasures of home life lose their savor unless enjoyed in an atmosphere of carefree heating comfort. Clean, comfortable, healthful, automatic heating—luxurious living—is thriftily yours if your choice is a WILLIAMSON. We'll be pleased to show you how a WILLIAMSON will put your home in a summertime mood—all winter long.

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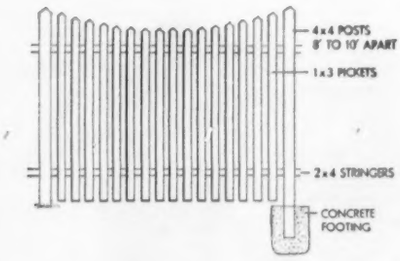
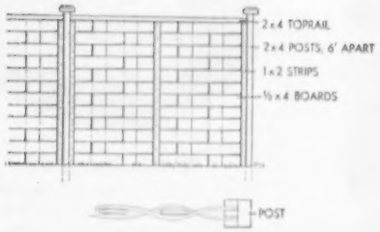
Need more privacy outdoors?

Bound one or more sides of a small, surfaced space with a low-cost fence or windbreak. You'll have the protected spot your family needs for relaxation and for entertaining



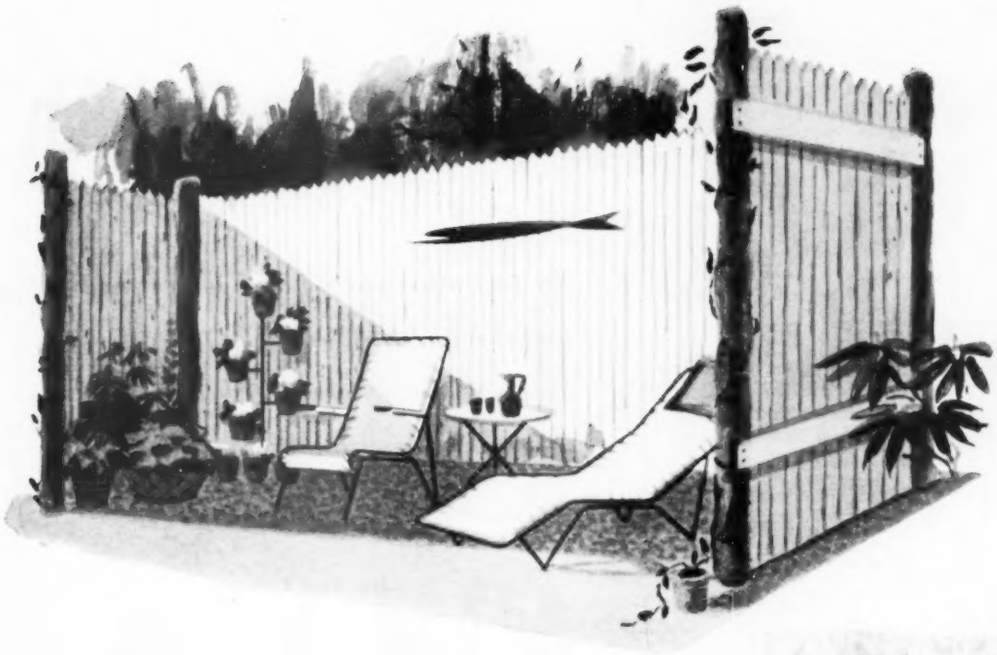
Extend a brick garden path to a small, raised platform of bricks in a corner of your garden. Make it attractive with shrubs, potted plants, and a simple picket fence.

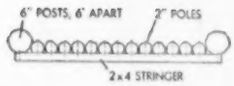
Add a sturdy and comfortable bench, and both you and visitors will be tempted to linger for a little while in this private corner.



If a garden that affords enough privacy for quiet concentration is your dream, get out a pencil and put your garden space on paper.

See where you can add a graveled terrace bounded with cinder or concrete blocks, and one of the new woven-wood fences. Build fence at graduated heights to suit your situation to get best angle on view.





In a crowded neighborhood, enclose a small terrace with a tall windbreak fence of poles or stakes. Soften the corner posts with adaptable vines.

Add comfortable, weather-resistant furniture, and you'll find yourself relaxing here when you have time.

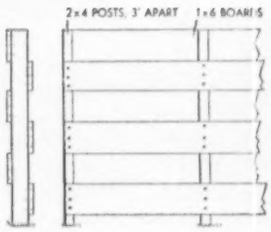
Sure, you're proud of your place—and you want it to look good from the street. But you like privacy, too. So why not have both? Bring the privacy of your living room right outdoors by setting off just a corner of your garden.

Pave the space you can spare with old bricks, wood blocks or butts, stone, or any available material. Look around for scrap materials you can use. Add a sturdy windbreak or fence. Place a bench, or a seat or two, where they'll invite use and are attractive on your private landscape, and you will have what you're after.

Such a corner can trap the sun and lengthen the outdoor living season for your family—in a way that is pleasantly private, with no taking away of the welcome mat.

If you prefer complete privacy without loss of the cool breezes you so enjoy, consider this board fence, with boards alternating on opposite sides of the posts.

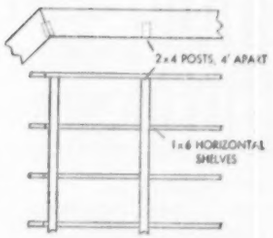
You'll need low shrubs and flowers to soften harsh look of your breezy garden backdrop.



Drawings: Miller

Privacy can be largely suggestion. It's so with this comfortable spot in the shade of a tree. Sawed butt ends of lumber provide the paving around tree.

With open fence and seat wall here on the edge of a slope, you get seclusion you want without sacrificing the cool breezes. At same time, you retain view.



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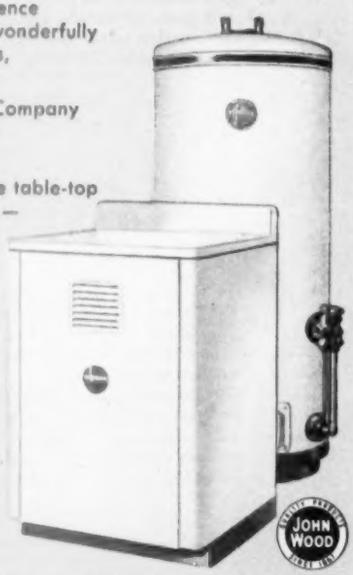

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GAS gives you a modern, dependable, economical Hot Water Service that's 3 times faster than any other all-automatic fuel.

Check up on your

His feet must carry him a long way. How well they do the job depends on you. Continuing care of normal feet and early detection of malfunction is important

By Ann Usher

Ever think, when you look at your youngster's feet, how very far he is going to have to walk on them in his lifetime? Even in this automobile age, if he takes no more than 1,000 steps a day (not a great number—an average city block is about 450 feet long), in 50 years he will have tramped more than 18 million steps!

What can you do to make this long walk as comfortable as possible—to help your child always put his best foot forward?

Contrary to common belief, it's an unfortunate fact that many children are born with far from perfect feet. And injury to the baby's feet, due to improper shoes, poor posture, and harmful walking habits, may begin the moment he starts to walk.

Toeing-out. The most common disorder of the child's foot, often neglected because it *is* so common, is pronation, also known as "flatfoot" or "weak ankles." The heel and ankle roll in, toes turn out. This condition may result from relaxed ligaments of the longitudinal arch and improper functioning (weakness) of the muscles, some in the leg, acting through long tendons attached under the bones of the foot, and some in the foot itself, which help hold the arch up; or from shortness of the first metatarsal bone. These deficiencies are hereditary and, according to some authorities, are the result of evolution.

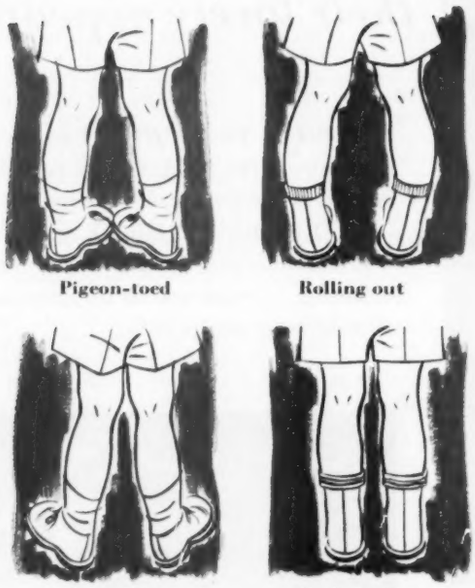
They are made worse by our civilized environment which forces the child from his very first steps to do most of his walking and running on hard, unyielding surfaces.

Deformity progresses. When the feet are weak, the weight becomes improperly distributed over the foot. Without corrective treatment, the result is an ungainly walk, tiredness and strain of the ankles and feet, and progressive foot deformity. In time, painful callus forms on the soles under the second metatarsal bone, and there may be pain in the deep tissues of the foot. Pronation may cause the development of "knock-knees," also. If ankles roll outward, instead of inward, the child may have a bowlegged appearance.

Early treatment of pronation gives the greatest promise of improving the function of the feet and avoiding strain, deformity, or painful disorders in adult life.

A tendency to weak ankles and toeing-out is often observed as soon as the child stands. Later, when the youngster is walking, the manner in which his shoes wear gives

child's feet



Check his gait as you stand behind him

Slight deviation from the straight-line gait need cause no concern. But marked toeing-out or -in, and inward or outward ankle rolling should receive early treatment

further evidence of the condition. The outer edge of the heels may be noticeably worn down, while the inner-heel counter and upper may be pushed out of shape. When the child stands barefoot, the pillar of tendons in back of the ankle, leading to the heel, may bow inward.

Call to the attention of your child's doctor any tendency to pronation. If he thinks the condition requires it, he will prescribe a corrective device for the child's shoes and, possibly, corrective exercises.

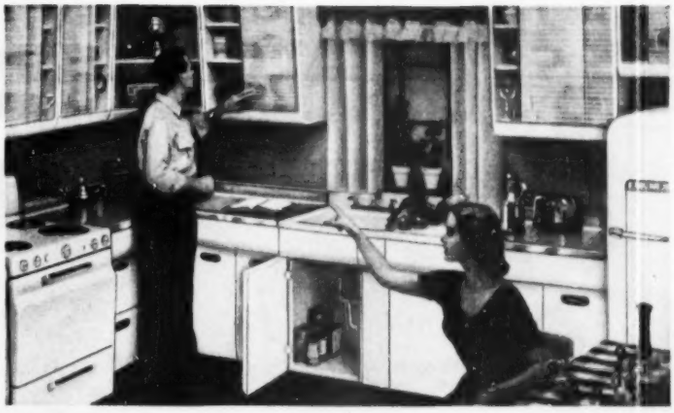
Your doctor will refer you to the person or store he knows is expert at preparing and applying the adjustment he wants for your child's shoes.

The corrective device may be simply a thin wedge of leather, inserted between the shoe sole and heel on the inner edge. It often puzzles parents that this wedge is applied on the inner edge of the heel, when the child has been "wearing down" his heels on the *outer* edge. But placing the wedge on the inner side changes the distribution of the body weight on the child's foot and counteracts the tendency to roll into a pronated position.

In addition to the inner-heel wedge, the doctor may recommend that a device be built into the inner side of your child's shoes. The base of the device, which is a light piece of flexible metal covered with leather, is located under the heel. It is carried upward on the inner side of the foot. This further helps to prevent rolling inward and the accompanying strain and progressive deformity.

Or a combination of inner-heel wedge and outer-sole wedge may be prescribed; or an inner-border sole wedge.

It's obvious that the proper corrective [*Turn to page 161*



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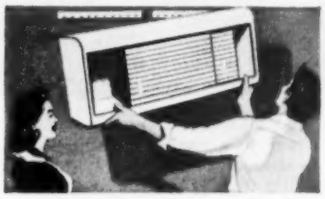

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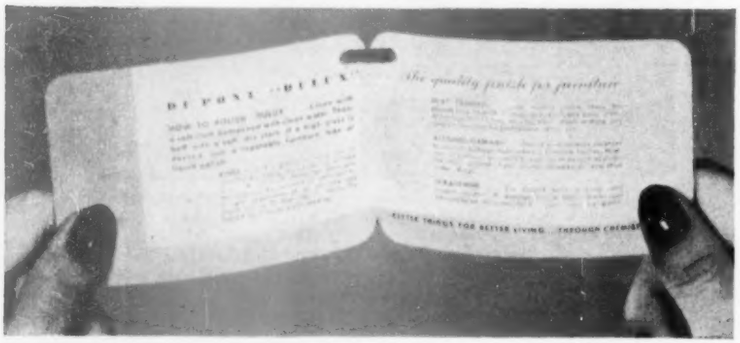
Pointers on furniture finishes

...that will keep their lovely appearance

Always remember to ask the salesman about the finish on the particular piece you're interested in. If he says it's Du Pont DUCO lacquer or DULUX furniture finish, you'll *know* you can count on years of glowing beauty . . . resistance to marring, scratching, discoloration and printing.

Always look for this tag. It's your assurance that you're getting a fine finish made by Du Pont—a name famous for nylon, rayon, cellophane and many other quality products. The Du Pont tag is your guide to greater value.



Always read the tag carefully. It offers helpful suggestions for home care of the Du Pont finish—tells how to keep that fresh, new look for years. Remember the slogan: "The Better the Finish, the Better the Buy." You're *sure* of the best when you see the Du Pont tag!

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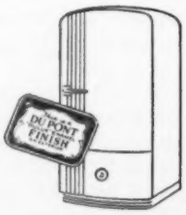


Check up on your child's feet

Begins on page 158

adjustment of the child's shoes must be worked out individually in each case.

Toeing-in (or "pigeon-toes") is another common congenital foot condition. The metatarsal bones of the foot and the toes are all pointed toward the mid-line of the body. However, these feet are usually functionally very sound, and the pigeon-toed gait generally improves as the child grows older.

In cases of marked pigeon-toe, the doctor may suggest wedges inserted in shoe soles and heels, similar to methods used in pronation. Some doctors recommend simply interchanging the child's shoes—right shoe on left foot, and vice versa. Also, some specialists in designing and building shoes with corrective devices, have made, for certain cases of severe toeing-in, shoes which flare outward from the instep forward. However, pronation may exist also in pigeon-toe cases, so your doctor's advice is important.

Check your child's gait. "Gait" means manner of walking. It is an individual thing, with wide variations in "normal" standards. But, by examining your child's gait, you can detect a tendency to toe-in or -out. The greater the amount of toeing-out or toeing-in, the less efficient the gait. Most beginning walkers will toe-out slightly. Some will toe-in a little. Dr. Louis Starr, of the Department of Orthopedic Surgery of New York University College of Medicine, in a recent article in *The Journal of the American Medical Association* says, "Standing with the toes pointing out more than 45 degrees is invariably associated with a weak foot."

To check your child's gait, have the youngster walk forward in a straight line. Then try to get him to run a little. Barefoot is best, as an uncomfortable sock or a shoe pinch will alter his usual manner of walking.

When to start wearing shoes. The average child first stands and learns to walk in a playpen, or on a hard floor. He cannot go barefoot for long without the possibility of foot injury in the modern house and on today's hard-surfaced walking areas. Thus, many foot specialists recommend giving the child shoes as soon as he learns to stand.

[*Turn to next page*

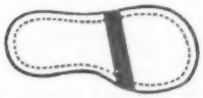
Corrective wedges and their purpose

Toe and heel wedges on inner side force toeing-in, in cases of "weak ankles"

Inner-side heel wedge, to keep ankle from tipping to inside. Turns toes inward

Inner-side sole wedge. Heel wedged and extended on inner side, in severe cases

Inner sole and heel wedges, to tip weight to outside. Relieves pressure on arch



Bar across sole, about 1/8 inch high, lifts the weight from the metatarsal joints

Outer sole and heel wedges, with long inside counter. Used when ankles roll out

Extension heel, long counter, inner-side sole wedge, used for extreme flat feet

Outside toe wedge with inside heel wedge, used for toeing-in plus ankle roll-in

Inner-side heel wedge with bar, to tip ankles out and raise heads of metatarsals

Full-length wedge on outer edge, used in some cases of clubfoot, to turn foot out

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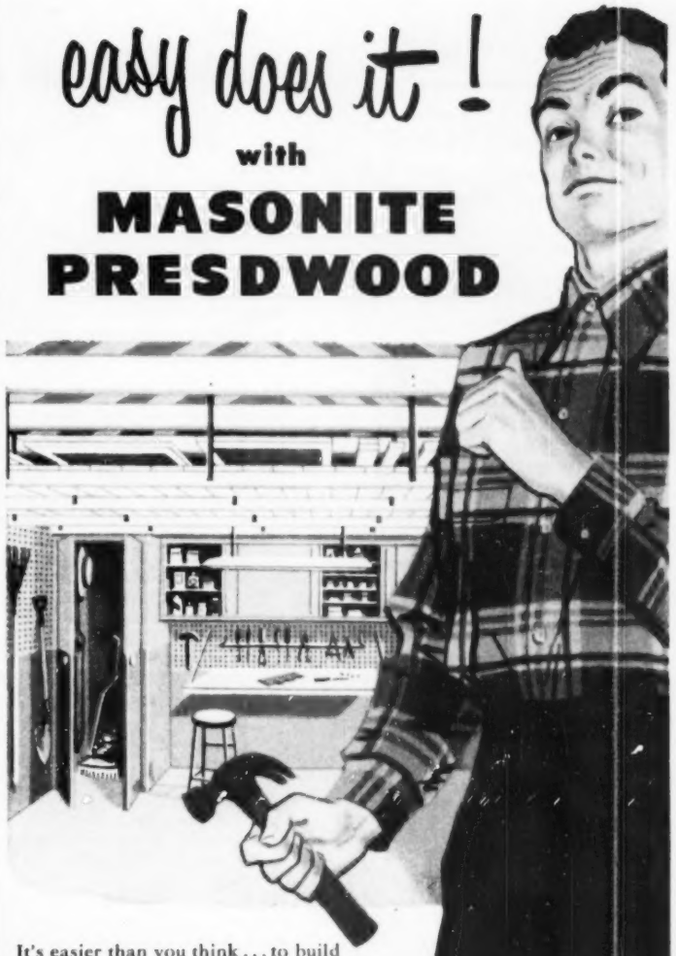

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10 reasons

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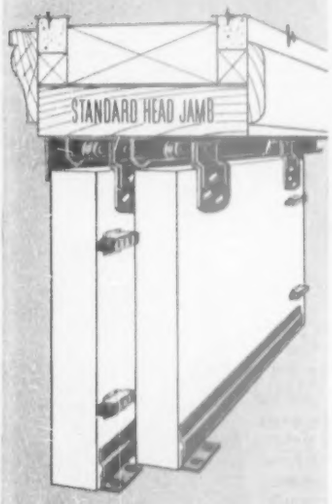

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Check up on your child's feet

Continued from preceding page

When playing in sand, dirt, or on grass, shoes may be left off.

The "*last*" of a shoe refers to its shape. The sole of a "straight-last" shoe extends in a straight line from heel to toe on both inner and outer edges. This shape shoe, with a firm yet flexible shank under the arch, is best for the average child's foot.

Low shoes or high shoes? The assumption that high shoes will strengthen the ankle is not true. What is popularly regarded as "weak ankle" is really pronation. Most oxfords are so constructed as to cover completely the joint at which pronation takes place. So it can be seen that the high shoe is not needed for added foot support.

However, children under 2½ years of age have such thin heels and simple foot contours, that the oxford will not stay on the foot. Furthermore, children of this age, as all mothers know, will pull oxfords off their feet. The high shoe is also preferred where certain shoe modifications are used, which might cause the shoe to slip off the heel in walking.

Oxfords may be used on children from age 2½ and up, depending on individual development.

What type shoe? The most important consideration in buying shoes is their fit. Quality and price are of secondary importance. But it must be borne in mind that the quality of the shoe will determine whether it remains good fitting.

Leather is considered the best material for shoes that are worn regularly. Properly tanned and processed, it maintains its fine flexibility. Leather permits an exchange of air through its pores and will absorb moisture and release it readily.

Points to observe when buying. There should be space the full width of an adult's thumb from end of large toe to end of shoe.

The sole at the ball of the foot should bend very easily with the foot.

The toe portion should be wider than the toe portion of the foot.

The shoes must fit well in action as well as standing. When the child is walking or running, they should not pinch, gap away from the sides of the feet, or ride up and down on the heel.

The shoes must be of good quality, otherwise they will not fit well very long.

During the summer, completely ventilated shoes should be worn.

Oxfords should be cut low enough to avoid rubbing on ankle bone.

The laced oxford is the best type of shoe for regular wear, with perforations for summer wear.

Sneakers can be worn a few hours a day for very active play, but not for regular wear, even though they are arch-supported or have molded arches inserted.

Moccasins and loafers. Such shoes should have sturdy, leather counters (the semirigid inner box into which the heel of the foot fits). The stitching and raised leather areas on the fore part of moccasins and loafers may cause discomfort.

Patent-leather strap shoes should not be used for regular wear.

Sandals. A good sandal with firm support under the arch and good shape may be alternated with perforated summer oxfords. The best sandals are those with regular shoe bottom on a sandal upper.

How about soft sandals? If your child has a good tread and is steady on his feet, soft sandals may be worn, but even so, it's better not to wear them constantly. They're all right for normal feet for a couple of hours a day.

Heel cleats. Parents of older, active children sometimes have metal cleats put on the shoe heels to keep them from being worn down. However, cleats are slippery and have a tendency to cause slipping and falling. If cleats are used, they should be cut into the shoe heel so that it is perfectly level. Otherwise, the raised cleat forces the ankle to roll in.

Because the fit and the shape of the shoe is so important, it is best always to take your child to the shoe store. If this is impossible, stand him on a sheet of paper and draw an outline of *both* feet. Bring drawing and his *old shoes* to the shoeman.

Each time the child is fitted in the store, both feet should be measured for both width and length.

The fit of a child's shoes should be checked every 2 months up to 3 years of age, though he may not need new shoes each time. After 3, shoe size and foot growth should be checked every 3 months.

A newborn baby's feet should be examined by his doctor almost immediately after birth, to see that the feet are straight. If they are not, early treatment can do much to correct even such conditions as clubfoot.

Sock or stocking length is important, too. They, too, should be an adult's thumb width longer than the foot, and they should not bind the instep on a chubby child. There are children's socks now made with square toes instead of pointed. They're a good shape for almost all children's feet.

If foot correction is needed. If your doctor prescribes an adjustment for your child's shoes, does this mean the youngster will have to wear clumsy, unattractive shoes? Not at all. Even girls' strap sandals can be made with full corrections.

A corrected shoe should be checked by your doctor or the correction shoeman after 3 or 4 weeks wear. The shoeman will call the doctor if he thinks the correction needs changing.

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The corrective shoe should be worn all the time the child is on his feet, except when he is playing barefoot in grass or sand.

The child will need to wear adusted shoes until the doctor decides the desired correction has been achieved. In this respect, both parent and child must be patient. Permanent improvement is naturally slow. According to Dr. Dudley J. Morton, of the Columbia University College of Physicians and Surgeons, patience is far more necessary than the prescribing of special exercises. Dr. Morton says that, after suitable means of establishing better foot function have been supplied, the general activities of children are usually sufficient for corrective development.

Your doctor may prescribe exercises, however, even though he may not think corrective shoes are required.

Martin Shapiro of Philadelphia, who has specialized for more than 20 years in designing correction shoes and in building them according to doctor's prescriptions, says children enjoy corrective foot exercises if the exercises are presented in the form of a game.

Mr. Shapiro suggests letting the child with poor foot posture run barefoot in sand or grass. For either toeing-in or toeing-out, he recommends drawing straight lines and outlines of correct footprints and having the child walk the lines or in the footprints.

Children who toe-out will have fun walking with the soles of their feet on the sides of a board "hill" made by fastening two boards lengthwise in an inverted V.

Roller skating and ice skating are fine exercises for children who toe-in. Mr. Shapiro says a little toeing-in should not be cause for concern. In fact, it's good exercise for the arches. However, he cautions that if an extreme condition of toeing-in is noticed, the baby should be examined by your pediatrician or by an orthopedic doctor.

How about those youngsters who seem to walk and run always up on their toes? Generally, these are very young walkers, and for them their tiptoeing is good exercise. They usually come down to earth as they get older and are wearing heavier shoes. If they continue walking up on their toes when you think they should have outgrown this, mention the habit to your doctor.

You've heard a lot about ill-fitting shoes as the cause of all foot troubles, and it's true improperly fitted shoes can do a great deal of harm. But if your youngster has an abnormal way of walking despite your conviction that his shoes fit him perfectly, discuss the matter with your doctor. The difficulty may be a structural defect in your child's feet.

Team up vegetables

Begins on page 142

Succotash

2 cups cooked or canned, drained whole kernel corn
2 cups fresh or frozen green Limas, cooked and drained
3 tablespoons butter or margarine
Salt and pepper
½ cup light cream or top milk

Combine vegetables in double boiler; add butter, seasonings, and cream; heat thoroughly. Makes 6 servings.

Indian Cabbage

5 slices bacon
½ cup hot water
1 teaspoon sugar
1 teaspoon salt
3 cups shredded cabbage
1 cup cut fresh or frozen corn

Fry bacon until crisp and brown; remove bacon; add water, sugar, and salt to bacon fat. Heat to boiling; add cabbage and corn; cover. Cook until just tender, about 7 minutes; drain. Sprinkle with paprika, if desired. Garnish with the crisp bacon. Makes 5 to 6 servings.

Confetti Cabbage

2 tablespoons fat
3 cups shredded cabbage
1 cup thinly sliced celery
1 cup sliced green pepper
¼ cup thinly sliced onion
1 teaspoon salt
¼ teaspoon monosodium glutamate
Dash pepper

Melt fat; add vegetables. Cover, and cook over low heat 5 minutes. Uncover; season and cook 1 minute, stirring gently. Serve at once. Makes 6 servings.

Rosy Relish

1½ cups vinegar
2¾ cups sugar
1 tablespoon salt
3 inches stick cinnamon
2 tablespoons mustard seed
8 whole cloves
2 cups chopped peeled tomatoes
2 cups chopped tart apples
1 cup chopped onion
1 cup chopped green pepper
1 cup chopped celery
2 tablespoons chopped red pepper

Combine vinegar, sugar, salt, and spices; bring to a rapid boil. Add remaining ingredients, and simmer until mixture is thick and clear, about 30 minutes. Pour into hot, sterilized jars, and seal at once. Makes 2 pints.

Fiesta Cups

½ teaspoon sugar
½ teaspoon salt
½ cup hot water
2 cups cut fresh or frozen corn
⅓ cup chopped green pepper
2 strips crisp, cooked bacon, crumbled
1 tablespoon butter or margarine
4 to 6 medium tomatoes
Dash basil

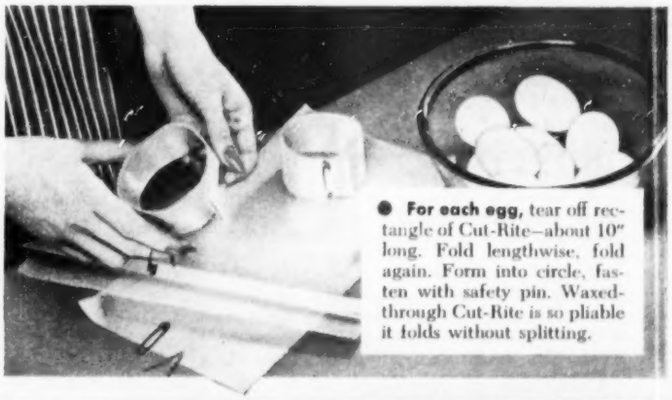
Add sugar and salt to water; heat to boiling and add corn and green pepper. Cook 3 minutes. Drain. Add bacon and butter; mix well. Cut stem end from tomatoes and scoop out pulp. Turn upside down to drain. Sprinkle hollow with salt, pepper, and a pinch of basil. Fill with corn mixture. Place on shallow pan. Bake in moderate oven (350°) 15 to 20 minutes or until tomatoes are tender. Makes 4 to 6 servings.

● **Here's how** to poach three or four eggs at one time in one pan. Circles made of extra-heavy Cut-Rite make perfect little poachers. And you've no extra pans to wash.

DIONE LUCAS SHOWS YOU A

Quick and easy way to Poach eggs

...famous cooking authority



● **For each egg,** tear off rectangle of Cut-Rite—about 10" long. Fold lengthwise, fold again. Form into circle, fasten with safety pin. Waxed-through Cut-Rite is so pliable it folds without splitting.

● **When water** is ready for poaching, place Cut-Rite circles in pan, folded side down. Break egg into cup, drop into circle. Extra-heavy Cut-Rite holds eggs firmly—they won't run together.

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(Reading time... 2 minutes, perhaps the most important 2 minutes of your life)

E. M. McConney, President
Bankers Life Company

As the President of an insurance company, I want to take you behind the scenes for a few minutes. The other day, one of our better salesmen, on a visit to the home office, walked into my office with a troubled look on his face. I knew something was up, so I asked him to sit down.

Jim told me that one of his closest friends had died suddenly the week before, and because he had left no insurance to speak of, Jim felt it was his personal failure.

He told me he had given his friend a plan, a good plan well within his means, then left him alone for a week to think it over. And in that week—his friend died.

I tried to soothe Jim's feelings by telling him that hardly a week goes by that some salesman doesn't report a similar tragedy. But Jim would have none of it.

"It was my fault," he said. "I didn't convince him of the high price of 'putting it off.' I must have 'pulled the punch.'"

That set me to thinking. Are we as a business "pulling the punch?" How many helpless family situations could we have helped to avoid, if there were some way to convince heads of families of the danger of "putting it off" for just one week . . . or even a day?

Is it because you think that insurance is all expense and no rewards? Last year, we at Bankers Life paid out $23,707,000 to families, where the head of the family did *not* "put it off" before he died.

Is it because you think insurance is not for the living—just money you leave when you are gone? Today, thousands of families are living in retirement with checks coming to them regularly from Bankers Life—checks they will receive for the rest of their lives.

I can tell you, out of the tragic records in our business, that a man can make no greater mistake, than to "put off" providing for himself if he lives, and his family if he dies.

No one can *make* you do it. But millions can tell you why you should—before it's too late.

I want you to be on the safe side . . . to take one minute right now and send the coupon below to me personally. One day you'll thank the President of an Insurance Company for not "pulling the punch."

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Tops of things may be simple, but end-grain edges can give you trouble. These pictures tell you how to—

Get the edge on

By Jack Hanson

Ideas are plentiful on methods of smoothing and finishing the top surfaces of most homecrafters' projects, but a lot of us run short of ideas, time, and patience trying to make the edges of things look right. Not only does an edge often call for some sort of design, but the end grains of regular lumber (as well as all four edges of plywood) are hard to get smooth enough for a good-looking finish.

Is there anything simple to do about it? Well, here are three basic methods that professionals all use to get the edge on a board. Which one best fits your project?

First, there's the "self edge," which involves planing or shaping and sanding smooth the material itself. This is by far the most frequently used method, but it is not necessarily the simplest. However, many craftsmen feel the self edge is often best when a clear finish is to be used—when you're working with the finer cabinet woods—or when the job is one calling more for functionality than for design, as would be the case with seldom-seen shelves.

An edge that's part of the material itself requires a minimum of tools, and doesn't call for any additional lumber. It can be made beautifully decorative, too, the degree depending on a man's time and patience, and skill, even to the point of elaborate carving. The main problem is that of getting end grain ready for finishing.

Second is the "applied edge." Here, really, is the simplest method, for there are few tricks to putting on metal or wooden moldings which you can buy ready made, or make yourself. It eliminates entirely the tedious job of sanding end grain, for all exposed edges are of grainwise material. It permits endless variations, and in some applications it has the added advantage of increasing the effective dimensions of your stock. Moreover, the applied edge can be decorative, either through special carved moldings or through the contrast of one wood with another in a border. Applied metal edges are the single answer for jobs that need the protection of edges that won't splinter.

Third, you can use the "built-up edge." Your reason for wanting a thick edge may be to give the appearance of strength or actually to add strength. The built-up edge is most useful for Modern-design pieces to be finished clear or lacquered, or for surfaces which do not have adequate supporting legs close enough to the edges. While it increases true strength, the principal function of the built-up edge is to give the rich appearance of extra thickness without the cost of thicker material.

Our pictures show, in principle, the various types of edges, along with the techniques of finishing some of them. You'll find them all useful, for every board you use has an edge, no matter how you place it.

a piece of wood

Self edge — use the edge that's there

For all plywood edges and any end grain, avoid tedious sanding by using paste filler.

Brush it on and smooth in tiny holes with your thumb. Wood plastic may be used to fill gaping holes in "sheathing grade" plywood.

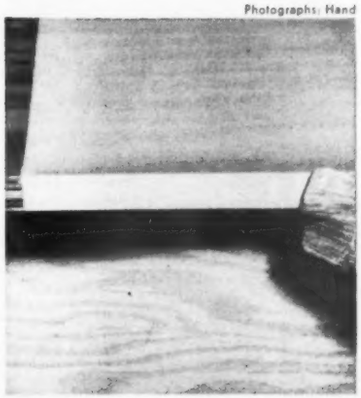
Often identified, "good one side only," its inner plies are not entirely sound, but it is low cost and is usually good enough in your homecrafting.

When well dried, smooth filler using fine sandpaper folded around square-cut block.

The planing effect of an unpadded block solves many an edge-finishing problem. The block doesn't rock and round off corners, and it levels high spots quickly.

Sand until all filler on surface is gone, leaving only that which fills end-grain holes.

Photographs: Hand



Filled, sanded, then sealed and primed, end-grain or plywood edges will come out as smooth as grainwise edges of regular lumber, without a hint of pockmarking.

Enameled edges prepared like this gleam smoothly or, with a clear finish, the alternating plies are emphasized.

More on next page

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Get the edge on a piece of wood

Begins on page 164

Simplest method of dressing an edge is the bevel, used on finest furniture or the most rugged shelves and benches.

Hold plane at 45-degree angle, and take off the corner to a depth of about one-quarter the top's thickness. On ends, plane toward the center to avoid chipping at corners.

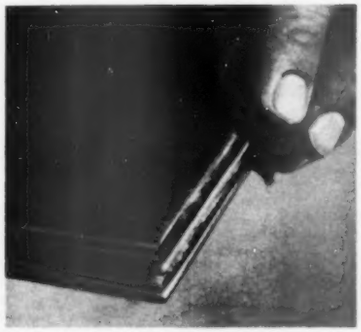
Do the sides last, so their bevel will remove any accidental corner roughness.

For the tops on tables, chests, cabinets, and other pieces made of cabinet woods, plywood, or plain pine, a half-rounded edge is popular.

Cut the edge with a shaper or an ordinary plane, judging the curve with your eye.

Use steel wool for rubbing between coats on all shaped edges—it conforms to the contour of the edge much better than sandpaper, and will greatly reduce risk of marring.

To get a fluted edge without a shaper, first run a saw cut down the center of the edge to the depth desired for fluting. Round off the beads with a rasp, and then finish smooth with your file and sandpaper



In plywood, fluted edges are most effective when the beads coincide with the plies, giving them the emphasis of texture plus the difference in the way the plies take any of the clear finishes you wish.

The wood filler technique described earlier, with steel wool between finish coats, is your easiest method of getting a smooth surface, whether it's to be clear or enameled.

More on page 169

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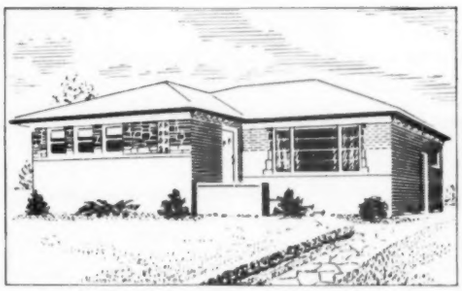

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Contributed on behalf of America's paint manufacturers and dealers by ARCHER-DANIELS-MIDLAND CO., 600 Roanoke Building, Minneapolis, Minn.

Get the edge on a piece of wood

Continued from page 166

Applied edge—using a manufactured edge

Easy, fast, and lowest-cost edge is self-sticking tape.

Available in various colors of fabrics and cellulose, as well as in patterns, it can be used on kitchen shelves to match other room colors.

Tan-colored cloth or paper tapes usually blend with natural-wood finishes when you want to save time. Shellac tape to seal rubber adhesive; varnish, wax, or enamel it.

Edgings of aluminum, brass, stainless steel, and chromium are usually easy to buy, and quite easy to apply.

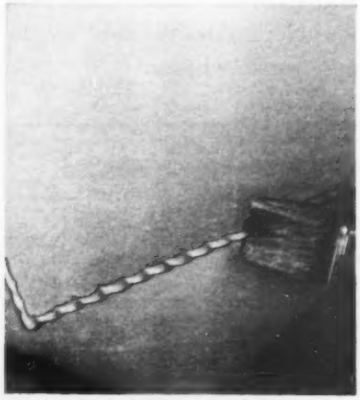
Some are in strips, countersunk holes drilled for screws; others in rolls drilled for nails. Use chrome-plated oval-headed screws or special round-headed nails to apply.

Metal edges come plain or in various forms adapted to special jobs, and give best protection from rough use.

Ogee molding from the lumberyard provides a professional edge for 1-inch pine.

For clear finishes, apply with glue. For painted jobs, nails are usually good, set and puttied to conceal them when piece is finished.

To get tight corners, start nails and then squeeze the two pieces of molding together with diagonal pressure of your fingers as shown at right.



Ultimate in applied edges is beaded molding you'd never duplicate. It's available in many widths, an endless variety of carvings, and nearly every popular cabinet wood.

You can match walnut, mahogany, and other woods with beaded molding glued to the edges of the wood. With opaque finishes, beaded moldings applied with brads give luxurious edge to table top.

More on page 176

NEWEST INDOOR SPORT...

Maybe you've never painted before! Maybe you have . . . NOW anyone can paint indoor walls, woodwork and ceilings easily . . . quickly . . . beautifully . . . and enjoyably! CHINA-TONE DE LUXE is the marvel rubber-base paint to use. One coat covers completely. No priming, no sealing. Applies so easily with brush or roller without any brush or lap marks.

Drying time? One hour! You can use your newly painted rooms with pride the same day! No painty odor. And CHINA-TONE surfaces are really scrubbable . . . stains and grime whisk right off. Remember the name . . . CHINA-TONE DE LUXE . . . by Horn, makers of long lasting products used since 1897 to protect and decorate famous buildings all over America. Visit the friendly Horn Paint Dealer near you. If you can't locate him, ask us for his name. Then paint your home with confidence and enjoy your CHINA-TONE paint job for years.

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YOU CAN RELY ON THE PERFORMANCE OF ANY HORN PRODUCT. THIS HAS BEEN TRUE FOR 56 YEARS.

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Better Homes & Gardens HANDYMAN'S CORNER

Moldings dress up your job

For trim, decoration, and some structural parts, shaped moldings give your projects that finished look

Moldings are pretty. They put the finishing touch on everything from the entire inside and outside of your house to the toy shelves you build in the nursery. They are the cosmetics of the handyman world, adding beauty and covering up a multitude of sins.

Learn to use them, in their dozens of sizes and forms.

They'll turn a so-so job into a well-done project. For covering those inevitably ugly points of joinery; for decorating edges and corners and surfaces that would seem plain without them; and for many structural parts, moldings are the handiest pieces of wood a handyman can find.

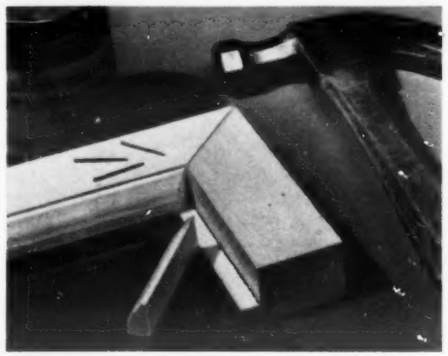
Coping saw, nail set, hammer, and homemade miter box are your tools — and the accompanying photographs show you many tricks that make working with moldings easy.

Pure decoration is frequent use for moldings, applied to plain surfaces to give them texture and shadows.

Half round, glass bead, screen moldings, etc., can be applied in stripes, squares, triangles, chevrons, etc.

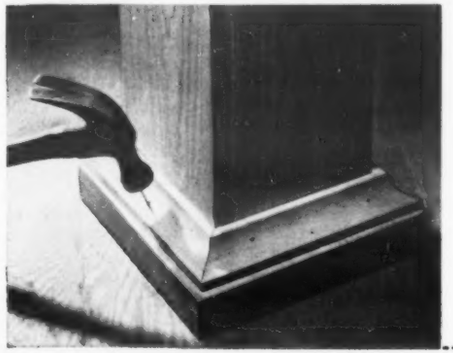
Special jig helps when you work with crown moldings, hard to hold in position when using a miter box.

Cleat (arrow) holds molding at precise mounting angle, so that your cuts fit perfectly at corners



Storm sash is sample of job made easy with moldings. Buy screen stock for the frame. Nail small cove around inside, where putty would normally be.

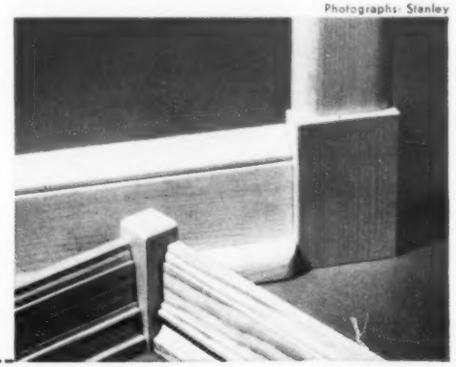
Then set glass in bead of putty, secure it with glass molding, and paint.



Moldings outdoors form bases and crowns for columns, are standard components of eave-cornice treatments.

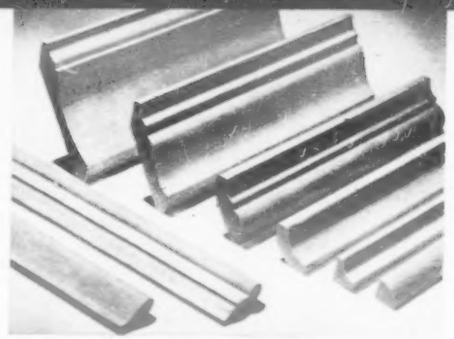
They not only decorate, but help seal construction joints against damage from water penetration into building.

Photographs: Stanley



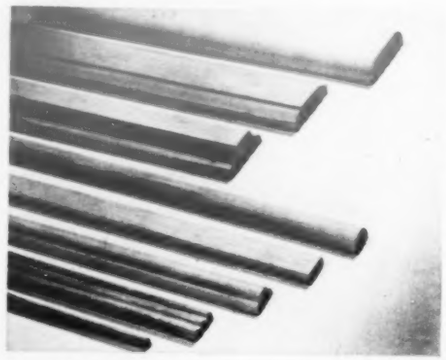
Plinth block is simplest — and a most beautiful method of joining moldings at corners. No miters. No coping.

You cut blocks and nail them up — then butt square-cut moldings against them for easy, perfect fit.



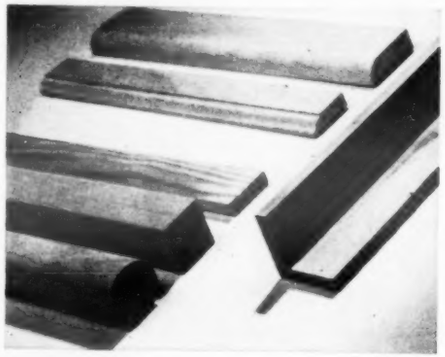
Corner moldings include (top to bottom) crowns, bed, coves, and quarter round. Coves and beds give beauty to ceilings, as well as cornices at eaves.

Picture moldings (left) also go at ceilings. Dress up corner joinery on any job with cove or quarter round, as big or as little as you need it.



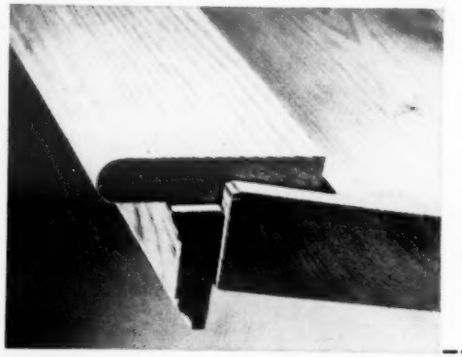
On flat surfaces joints can be finished or plain surfaces dressed up with (bottom to top) glass bead, three forms of screen molding, half round, "barn batten," chair rail, and casing.

Latter three types come in a variety of shapes and sizes, for any job.



Functional-type moldings include round and square baluster and lattice, useful for dimension stock.

Door and window stops are standard treatments (top), and corner bead is protection for outside corners.

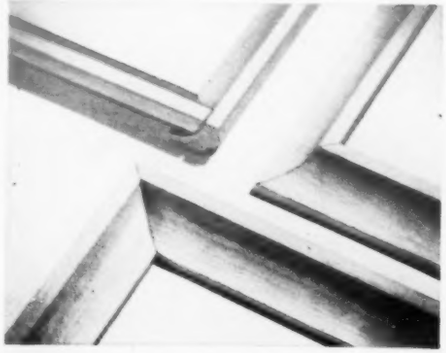


Special-purpose moldings are made for doors, windows, etc. Here is a window "stool," hooking to slanted sill, and "apron" which goes below the stool.

Baseboard, shoe, frame combination are shown with plinth on first page.

Coped joint has end of the molding shaped to match face. For perfect fit, make a back-cut miter first.

Then use coping saw to cut carefully along edge formed by miter cut. Saw to leave *all* of molding face on.

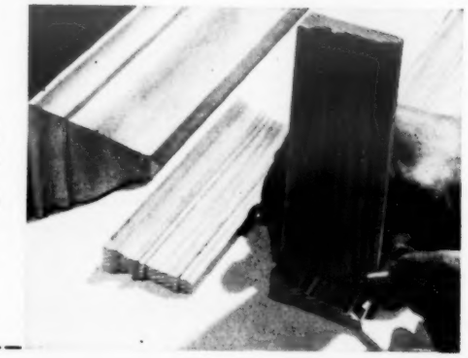


Inside corners can be coped (top) or mitered (left), but all outside corners must be mitered, as shown.

Corners fit easiest if you cope or miter ends of two pieces, then cut to length on the square, between corners.

Partial miter suffices when only edge of molding is shaped. Miter corners of scrap piece, to act as scribe.

Example is chair rail, to be surface-nailed with half miters, forming the appearance of wall paneling.



Molding ends can't be merely square-cut (especially crowns) when they end "raw." Instead, you cut an outside miter to "return" such moldings.

For flatter types, scribe return with a molding end. Cut with coping saw.

Nothing like

Tangy Tangerine

to spice up

Rembrandt Brown

. . . a painting "recipe" taken from the "Dutch Boy" Color Gallery

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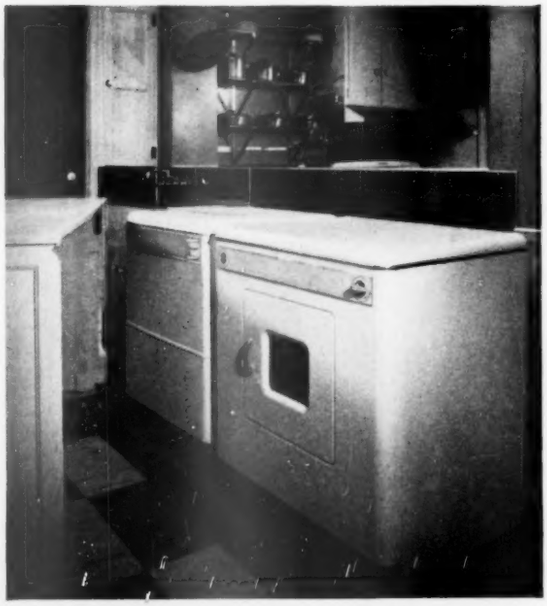
Tips for your laundry



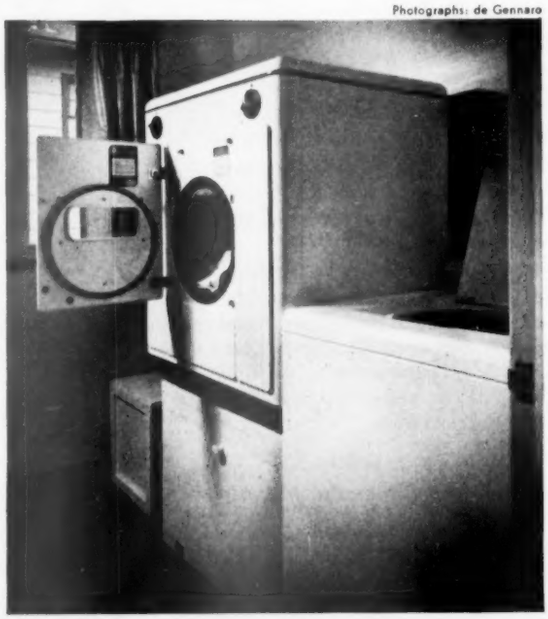
Architect: George C. Andersen

Handsome glide-away. Double the use of your laundry area, say the Arthur Sheekmans.

You wheel out the washer-dryer cover, fold or sort clothes on its table top. Note notched cabinet sides that fit flush to the wall.

Picture at left shows the shell of ¾-inch plywood neatly in place. See how it changes the laundry area to a buffet or serving counter.

Photographs: de Gennaro



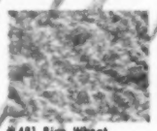
Easy reach. Booster-upper raises dryer so it opens at the same level as the washer. The Frank M. Coates, Spokane, Washington, built this special cabinet. Swing open door underneath, and you'll find supply of soap, syndet (synthetic detergent), laundry helpers

beautiful carpets by FIRTH bring outdoor freshness indoors

Illustrated: #477 "Buckwheat Field"—Rancho Grande Woolturf—approx. $14.95* per sq. yd.—9 x 12 size, approx. $185.00*

Directional Furniture by Paul McCobb

So *naturally* colorful..."Buckwheat Field," Firth's newest color in Rancho Grande Woolturf carpet...a blending of lovely greens to work miracles in any room! Such a beauty!...this carpet is pure wool with a rugged looped texture, woven for years and years of family wear...and, it cleans like a breeze. Yours for a dramatic new decorating effect!



#481 Ripe Wheat

#419 French Gray

#478 Driftwood

#472 Painted Desert

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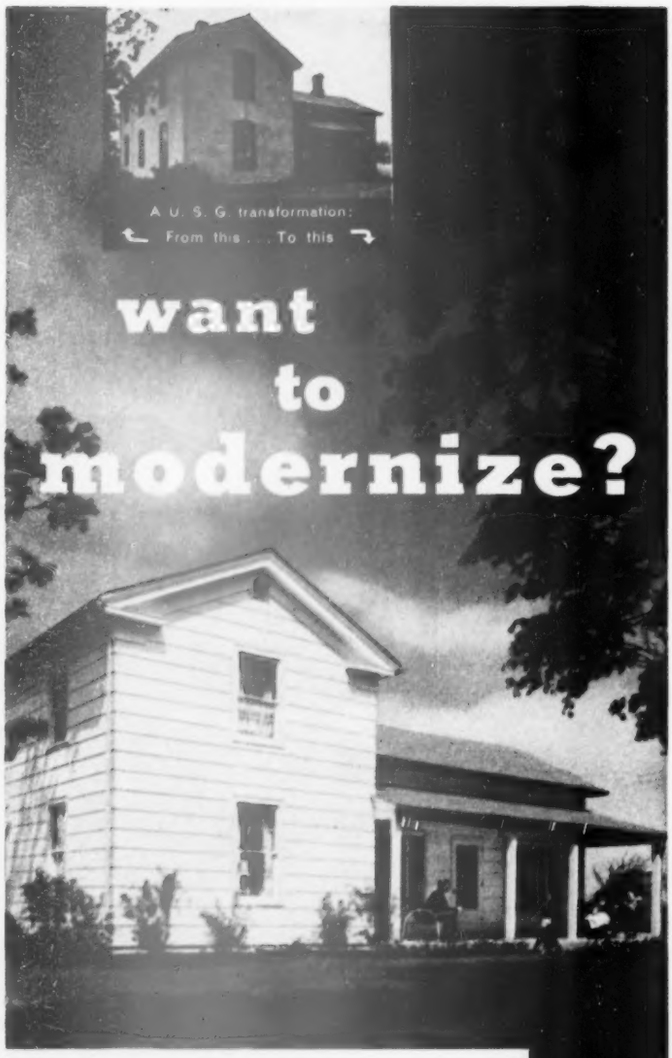
*slightly higher in West



Here's how to do it faster, easier, better...

USG* ASPHALT SHINGLES Add protection, color, beauty with U.S.G. Asphalt Shingles—they're extra-heavy, extra-strong where weather and wear hit hardest. Fire resistant, too. Attractive colors: solids, Tu-Tones, new pastel blends.

GLATEX* SIDING Never needs painting; fireproof; goes on right over old exterior walls. Attractive glazed finish washes like a dish. Drafts and dampness go out when GLATEX asbestos-cement siding goes up.

RED TOP* INSULATING WOOL Keeps homes up to 15° cooler in summer; saves up to 40% on fuel in winter. Summer comfort, winter comfort—insulating with RED TOP wool gives both. Installs easily.

want to get started?

Ask the dealer who displays this famous sign—or write United States Gypsum, Chicago 6.

*T. M. Reg. U.S. Pat. Off.

UNITED STATES GYPSUM

UNITED STATES GYPSUM
the greatest name in building

Get the edge on a piece of wood

Continued from page 169

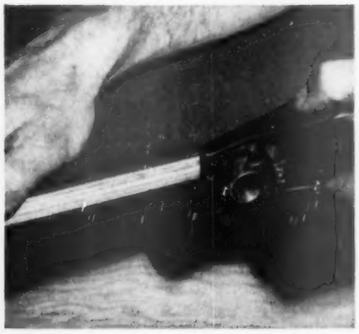
For linoleum tops—a neat, lasting edge

Linoleum now is moving from the kitchen to living room and game room as a colorful top for desks, bookcases, tables.

Only solution to covering joint between top and linoleum is to apply an edge.

Do not precut linoleum to fit, but let lap over a bit when gluing to top, and trim to fit after cement dries.

Make all cutting strokes against the backing with your knife, holding it tight against edge to follow it closely.



A sharp plane will easily cut linoleum down precisely flush with edge of top.

If you tilt plane toward undercutting edge, you will be less likely to remove more of linoleum than you wish. But with this method, you can cut linoleum to exact size and shape of furniture piece.

Metal edging for a linoleum top has flange that lies over surface to prevent its loosening, and this flange must be mitered at corners.

Use a square file, holding the edging face down over a narrow lumber scrap for ease in holding metal firmly.

Mitered, the metal edging bends easily around all corners to make a tight, neat fit.

Exert just as much downward pressure as your thumb will stand while you drive oval-headed screws to fasten the molding to the edge.

This forces flange a little into the linoleum and reduces chance of water seeping under the surface of the top to cause eventual rotting.

Try to plan the edging layout so there will be a screw hole adjacent to each corner.

More on page 179

New RCA Victor Television with Rotomatic Tuning brings you more to see—less to do

More detail—a stronger, sharper picture wherever you live. ROTOMATIC *gets* it, MAGIC MONITOR *holds* it!

More stations—with TV's big new nationwide expansion.

Less "dialing"—every station already *tuned on target,* all ROTOMATIC on one knob!

Less "adjusting"—MAGIC MONITOR circuit system *automatically* ties in finest sound, screens out static and interference, controls power level.

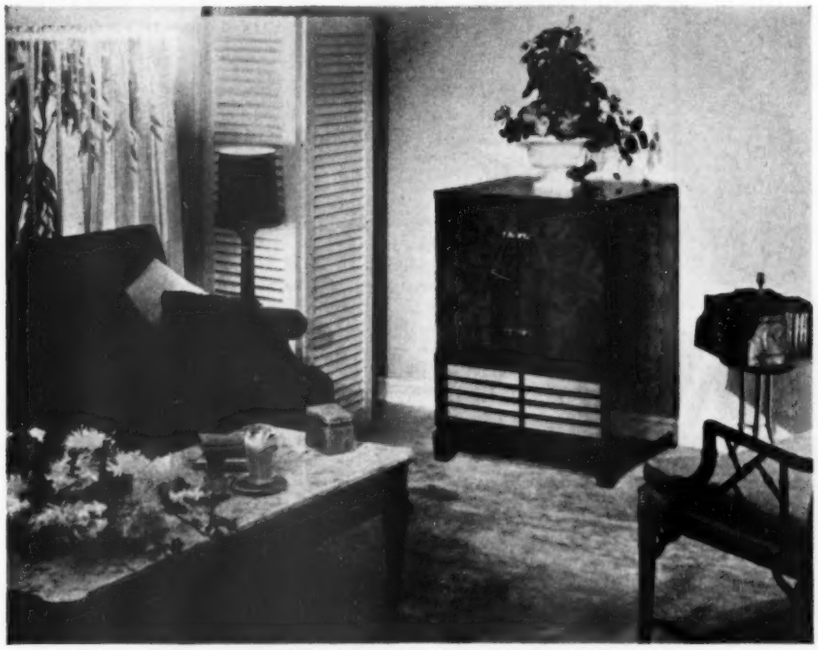
Lowest prices ever!

17-inch TV as low as **$179.95** 21-inch TV as low as **$229.95**

Above, the new 17-inch BRENT, maroon finish, Model 17S350, **$199.95.** In ebony finish, the CRAIG, Model 17S349, at a new *low* of **$179.95.** Built-in UHF tuning, optional at extra cost.

...and you set the style!

You'll enjoy selecting the *exact* set for your room . . . from the finest and fullest new collection of cabinets in TV history. Then enjoy the exact set *exactly adjusted* for your room. For expert installation, ask your dealer about an RCA Victor Factory-Service Contract...available *only* to RCA Victor TV owners in all major TV markets.



UHF ROTOMATIC Tuning optional, at slight added cost. Built right in—no extra knob to turn! Gets VHF *and* UHF stations. Or, ROTOMATIC Tuning for VHF only with *manual* tuning for UHF stations, optional on lower priced sets.

So much to see! Period and Contemporary styles, details of fine craftsmanship and finish, luxury fittings, 9 rich cabinet finishes. Above, new RCA Victor *Preston,* 21-inch console in mahogany finish—or limed oak (extra). 21T372, $399.50.

The 21-inch *Talbot* merits a room planned around it. Yet so versatile it's "in place" wherever you put it. Grained mahogany finish, 21S362, $299.95 (grained blond extra).

Suggested list prices shown include Federal Excise Tax and full-year picture tube warranty. Subject to change without notice. Prices for 21T372 and record players slightly higher in far West and South.

Only $16.75! "Victrola" 45 automatic attachment plugs into phono-jack built into every RCA Victor TV set. ("Victrola" 3-speed attachment, $49.95.)

See the Goldbergs on NBC Television, Friday 8:00 p.m., EDST. *For More Comfort, Better Health, Better Living—Get RCA Room Air Conditioning.*

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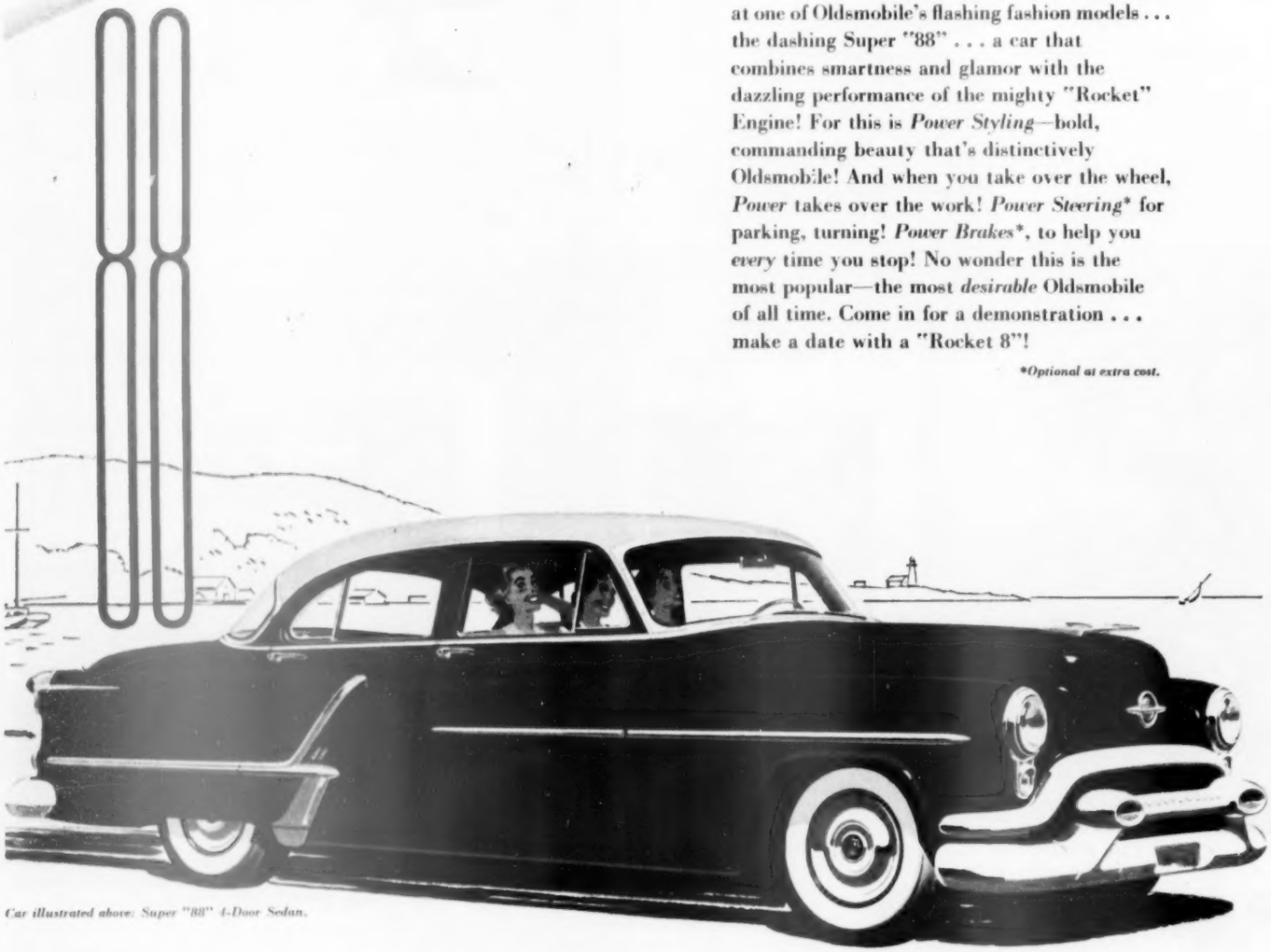
Handsome . . . *and then some!* You're looking at one of Oldsmobile's flashing fashion models . . . the dashing Super "88" . . . a car that combines smartness and glamor with the dazzling performance of the mighty "Rocket" Engine! For this is *Power Styling*—bold, commanding beauty that's distinctively Oldsmobile! And when you take over the wheel, *Power* takes over the work! *Power Steering** for parking, turning! *Power Brakes**, to help you *every* time you stop! No wonder this is the most popular—the most *desirable* Oldsmobile of all time. Come in for a demonstration . . . make a date with a "Rocket 8"!

**Optional at extra cost.*

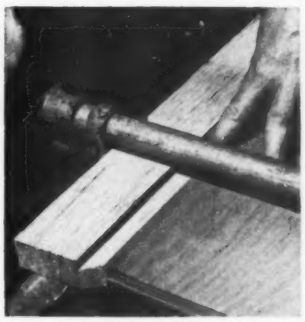


Car illustrated above: Super "88" 4-Door Sedan.

"ROCKET" ENGINE OLDSMOBILE

Get the edge on a piece of wood

Continued from page 176



Where you want a decorative wooden edge, turn work upside down. Force linoleum-clad top and edge of molding down on a smooth surface.

This is very important, for any planing or sanding that you must do after the edge has been put in place would endanger the smooth, satiny finish of the linoleum.

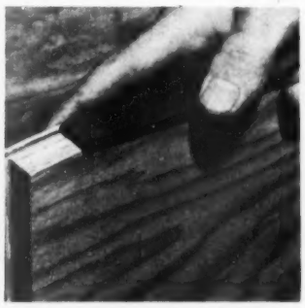
Here's the easiest and fastest way to glue edges: Miter ends of pieces so they fit opposite sides of top, back them with stiff boards, then clamp both at the same time.

Wipe glue from the linoleum and edging immediately. If you enamel or varnish edge, try masking tape on linoleum to keep line straight.

Cut veneer to hide plywood core

To conceal edges of plys, cut strips of same veneer as your board. Set rip fence close to saw blade and adjust it to cut right up to but not into top layer of plywood.

Width of this cut should measure just slightly larger than thickness of the wood's surface ply.



Clean up and square rabbet with a flat file, removing any glue under the top surface. Press file down firmly so that it will smooth off saw cut enough for secure glueing.

If saw has a tapered or hollow-ground blade, cut probably will be smooth enough without dressing.

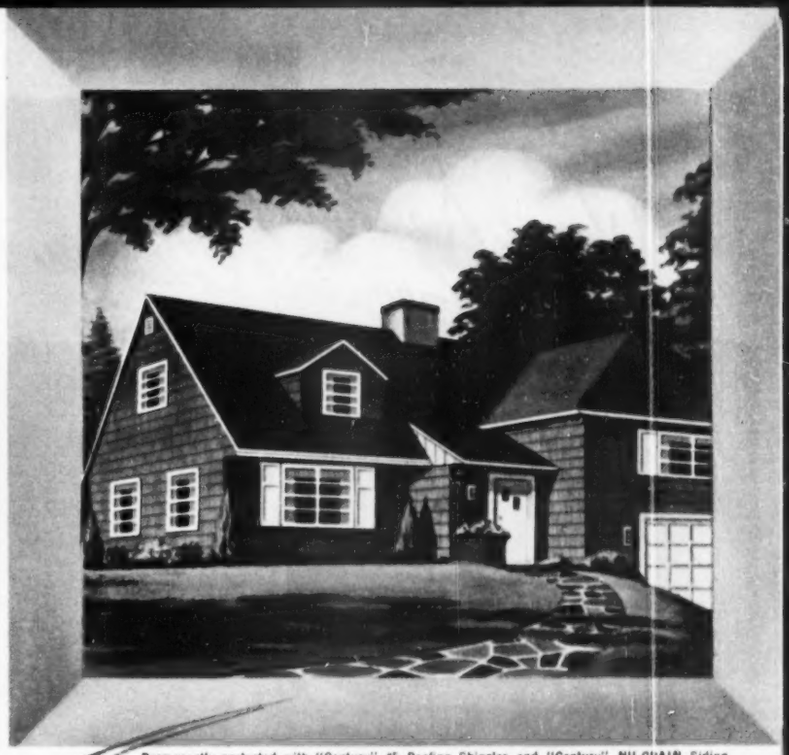
Rip off the face ply of a narrow piece of plywood with the same surface as the top you're edging.

For sides, strip should be cut with grain; for ends, cut against grain. Now glue this thin veneer into rabbet you've cut around top, backing with board before clamping.

Sand with unpadded block. Bottom edge of the glued-on veneer now should be worked and sanded flush with underside of the plywood top.

When all glue has been sanded away, the joint should be all but invisible, and the edging piece will take a finish like the top.

More on next page



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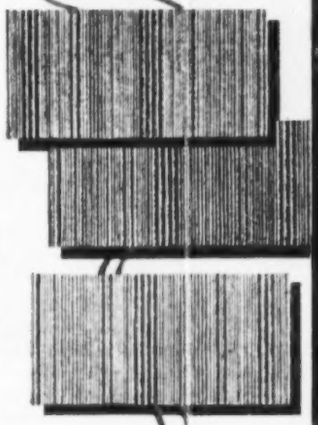
Picture your home with

"Century" NU-GRAIN asbestos-cement siding



attractive! permanent! economical!

Here's home beauty that lasts year after year with practically no maintenance ever! And it's within everyone's budget.

The modern building material that gives you this is "Century" NU-GRAIN siding. Because it is made of Nature's own asbestos fiber and portland cement, "Century" siding has the permanence of stone itself.

COLOR LOCKED IN Distinctive NU-GRAIN shades—green, brown, and gray—result from colored slate granules embedded into the shingle under tremendous pressure. The color and the smart wood-grain pattern are good for a lifetime, and you *never* have to give these shingles a coat of protective paint!

FIRE-RESISTANT, TOO! "Century" NU-GRAIN siding like "Century" Roofing Shingles, can't burn, rot, or corrode. What's more, it's proof against termites and rodents. If you're remodeling, you can put it over your present siding. If you're building a new home, you'll find "Century" siding saves time, labor *and* money!

Before you complete your building plans, get the whole wonderful story on "Century" NU-GRAIN asbestos-cement siding, and on "Century" roofing shingles as well. See your lumber dealer this week, or write for free full-color descriptive folders.

Keasbey + Mattison

COMPANY • AMBLER • PENNSYLVANIA

America's first maker of asbestos-cement shingles

K&M Rust in asbestos

FREE *Full-Color Descriptive Folders Mail coupon now!*

Keasbey & Mattison Company
Ambler, Pennsylvania

Please send me a free full-color folder on product checked below:

☐ "Century" NU-GRAIN siding
☐ "Century" roofing shingles

Name .....

Address .....

City ..... State .....

If your children have too many colds, look to the home air they breathe all winter long. Ask your doctor. Ask *yourself*. Is your home held at exactly the right temperature all day, every day? Is the warmed air cleaned? Is it moistened? Is it circulated evenly to every corner of every room?

If not, investigate the Armstrong "Indoor Sunshine" winter air-conditioning furnace. It does all those things, so quietly and effortlessly that you forget you *have* a furnace. You're just comfortable and carefree . . . and so are the youngsters!

Armstrong costs no more than ordinary heating—less, in fact, than many old-fashioned systems. Saves fuel money, too, whether you burn oil, gas or coal. Easily installed in new or older houses, with space-saving models for basement, attic, utility room, closet or ceiling installation.

Call your Armstrong dealer now for *facts*, or write for the free booklet, "The Miracle of Winter Air-Conditioning."

Armstrong *summer* air-conditioners are designed to install easily and inexpensively, utilizing the ducts which carry warm air in the wintertime. They cool, dehumidify and clean the air throughout your home. Ask your Armstrong dealer; or a card to us will bring a descriptive bulletin without cost. Please address your request to Dept. B-3 at our plant nearest you.

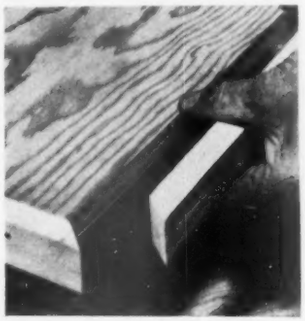
ARMSTRONG FURNACE COMPANY

COLUMBUS, OHIO DES MOINES, IOWA

Get the edge on a piece of wood

Continued from preceding page

Built-up edge — to make 'em thicker and slicker



Simplest built-up edge is one formed by mitered battens — screwed, nailed or glued to thinner top material.

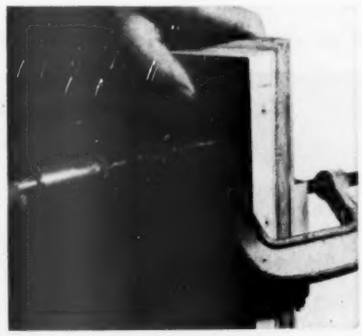
If you wish, this type of edge can be scrolled, scalloped, or otherwise shaped along the bottom to give the effect of a cornice piece.

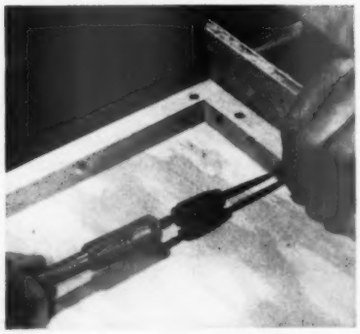
This plank top uses all face grain. In the form of a shallow, inverted box, it can be any thickness wanted.

First, undercut a miter completely around the top. Then cut grainwise sides and cross-grain ends, mitering them to fit around top and corners.

To assemble the plank top, screw and glue supporting strips just a hair's breadth inside the miter on the bottom side of the top.

Bore screw holes both ways in strips before assembling. The C-clamp holds the strip securely in precise position while the screws are being set.





Side pieces to form the edge are then screwed and glued to the supporting strip.

Work upside down as illustrated at the right, on a perfectly flat surface.

Press both the top and the edge piece down hard against the flat surface, and let the tightening of the screws draw top up tight the other way.

Corner blocks secured with screws to both sides are the final step. The legs or other structural members of your project may replace the function of these corner blocks.

To finish, round the mitered corners of your top slightly with sandpaper. Fill rough or chipped edges with paste filler, and sand smooth when the filler has dried well.

Give a clear or opaque finish, depending on desired result and quality of materials.

Wonder-Tones

the easiest paint in the world to use!

The whole family finds it easy to paint with WONDER-TONES. An average room requires only one gallon—retail value $5.19. Latest decorator deeptones slightly higher.

Now redecorate an average size room for only $5.19

Easiest to mix!
Always ready to use. Easy intermixing of equal amounts of base colors provides many more beautiful high-style colors.

Easiest to apply!
Use brush or roller. Usually one coat is enough. Clean equipment with water, splatterings with damp cloth.

Easiest to save time!
WONDER-TONES dry in 20 minutes—leave no painty smell! Now paint a room in the morning, use it in the afternoon.

Easiest to keep clean!
WONDER-TONES withstand repeated washings! Easy to clean soiled walls and woodwork with flick of damp cloth!

WONDER-TONES are well-named. They're really wonderful! They come all ready to use. No mixing required. Simply start painting. In 20 minutes your walls are dry and beautiful. And wonder of wonders, there's no painty smell in the room.

Be sure and see the many beautiful WONDER-TONES colors at your Devoe, Bay State or Pee Gee paint dealer today. Take a gallon home and redecorate that problem room over the weekend. For best results use a Superkleen Brush or roller.

Wonder-Tones

Distributed by DEVOE

DEVOE & RAYNOLDS CO., INC.
through Devoe Dealers across the nation

BAY STATE

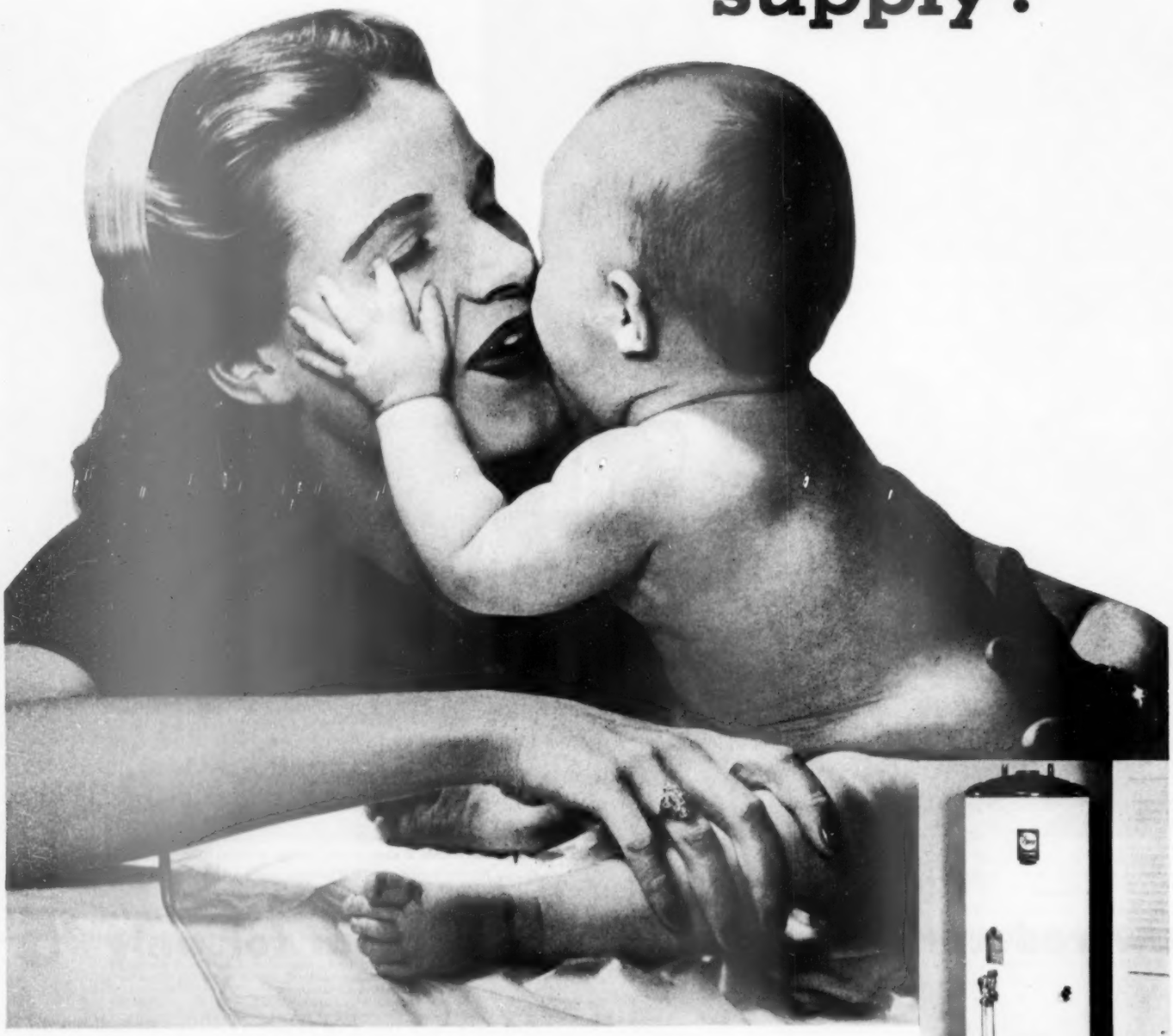
WADSWORTH, HOWLAND & CO.
through Bay State Dealers in Florida, New England and upper New York State

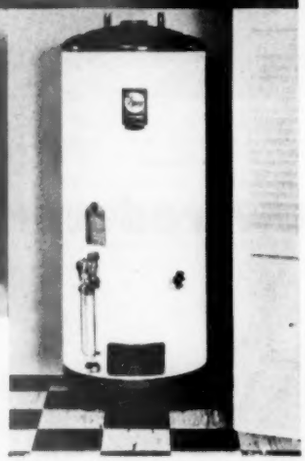
Pee Gee PAINT

PEASLEE-GAULBERT PAINT & VARNISH CO.
through Pee-Gee Dealers in the South, Southwest and Midwest

When a new baby **doubles** the laundry...

how's your hot water supply?





only Gas automatic water-heaters give you tankful after tankful of hot water

3 times faster!

GAS – THE MODERN FUEL FOR AUTOMATIC COOKING . . . REFRIGERATION . . . WATER-HEATING . . . HOUSE-HEATING . . . AIR-CONDITIONING . . . CLOTHES-DRYING . . . INCINERATION. AMERICAN GAS ASSOCIATION

What a difference a new automatic Gas water-heater makes! It's so fast a 30-gallon tank gives *more service* than an 80-gallon tank run by any other all-automatic fuel. (And costs less to buy, install and run.) Shown is a **RHEEM COPPERMATIC** Gas water-heater, one of many fine "makes." Consult your Gas company, master plumber or Gas appliance dealer about the right size for *your* needs.

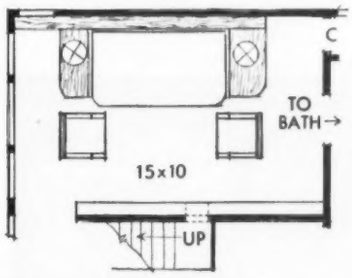
A hobby decorates this small room

By Eugenia White

Large shelves of headboard unit provide storage space for photography magazines and camera equipment.

Headboard looks like one piece, is actually three. End sections push up to large piece to form nook for bed.

Side units double as bedside tables for lamps, books.



Built-ins, minimum of furniture leave long wall free for pictures. Home of Mr. and Mrs. Clark Hogans, Oklahoma City

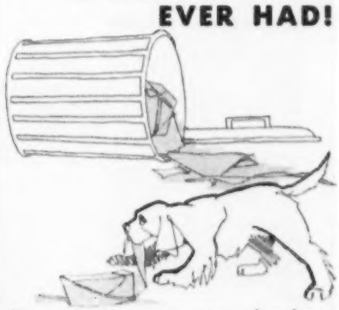
Here's a way you can have a "hobby room" without taking up any of your floor space! Show off your hobby collection on your walls, where it is conveniently stored, and where you and your guests can enjoy it at any time. Let your handiwork span an entire wall, frame a doorway, or accent a furniture grouping. Just remember to relate the pieces of your collection in an orderly, interesting design. You'll be delighted with the distinctive, different look your room takes on!

Photographs: Suter, Hedrich-Blessing

Here the photographer of the family proudly displays his best pictures. When he makes new favorites, he slides the old out and inserts the new. The hinged, framed-glass units swing up in sections. Cabinet at the bottom stores pictures. Decorator: Warren Ramsey

Presto! One row of pictures is actually a door with the section below hinged to fold down as a step. The stairway leads to attic studio

BEST FRIEND A HUNGRY DOG EVER HAD!



But even the most ardent dog lover gets a sinking feeling in the pit of her stomach when she looks out the window to see the neighbor's dog making a meal on her last week's garbage.

Better Buy a

NATIONAL *food waste* **DISPOSER**

Model 35CS

Instead of burying the garbage can in the ground — why not end garbage nuisance forever? Install a National food waste Disposer in your kitchen sink. Only a few pennies a day buys a NATIONAL. You don't have to remodel or build a new house to have one. Your master plumber can install it in your present sink quickly without fuss or bother.

You'll love the NATIONAL. It grinds all food wastes — even bones and fruit pits—washes them quietly, safely, down the drain . . . actually cuts clean up kitchen chores in half.

Obey that impulse now. Phone your favorite master plumber, or mail the handy coupon below. Learn how easily you, too, can own a NATIONAL —the lifetime food waste DISPOSER.

Z104

NATIONAL DISPOSERS

a product of

National Rubber Machinery Co.

AKRON 8, OHIO

NATIONAL DISPOSERS
Dept. BHG-9, Akron 8, Ohio
Send me quickly full information on how easily I can own a NATIONAL.

Name _____

Address _____

CHERRYWICK

MELLOW
SOLID
CHERRY
by **KLING**

Reminiscent of the gracious living of early America is this CHERRYWICK suite by Kling. Graceful, authentic colonial design, which harmonizes with either traditional or contemporary accessories...the mellow warmth of SOLID native cherry, hand rubbed to a lustrous glow... fine hand craftsmanship, which devotes the same care to the hidden detail that it does to the more conspicuous features of construction...all these are yours in CHERRYWICK. In addition to the furniture shown here, there are ten other lovely pieces in this group. Ask for CHERRYWICK by name at leading stores.

Send 25¢ in coin (no stamps, please) for our big, full color booklet "Your Bedroom and You." Contains a wealth of information on care of furniture and bedroom decoration and arrangement. Address Dept. BHG9, Kling Factories, Mayville, N. Y.

KLING
BEDROOM FURNITURE

KLING MEANS SOLID CHERRY • MAPLE • MAHOGANY

Six activity areas

In reading area, two lamps reach high off the table, throwing a wide circle of light. Although unmatched, lamps are the same height and have identical shades. Large pictures above the sofa balance height of the fireplace mantel directly across the room. Fruit-wood chest at right has a marble top—no worry about burns or stains

Photographs: Suter, Hedrich-Blessing. Decorator: Frederic Kreitzer

Conversation for four. In the picture-windowed corner of the living room, the Jospeys grouped four comfortable armchairs around a big, marble-topped, Lazy Susan coffee table. Chairs can be turned toward the fireplace to include bench sitters in the conversation. Above mantel, small cameos hang in semicircle around big picture

in two rooms!

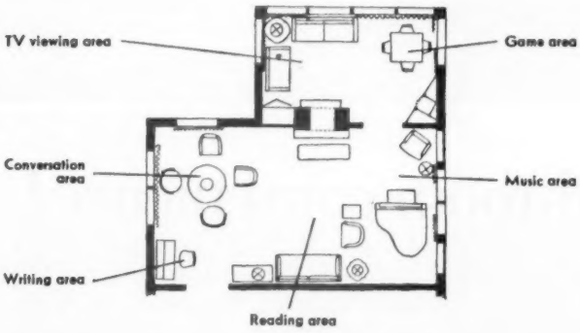
By Jeanette Baker

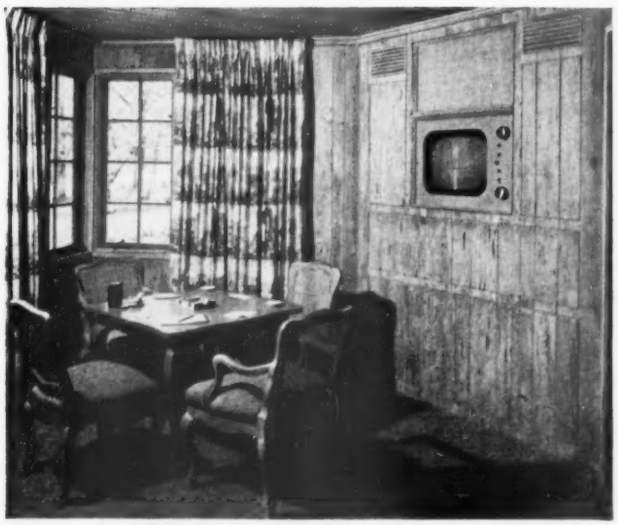
You can count six activity areas in this living room and remodeled porch. But with all these accommodations, the two rooms manage to keep serene. The reason? There's an open floor area with no furniture obstructions to detour traffic.

Perhaps you can gain space by regrouping your furniture into corners. To save yourself an aching back and frayed disposition, try planning it on paper first.

Write down what you want to do in your room. Want to read? You'll like an easy chair beside a good lamp. Talk? You'll need a grouping of chairs in a small area. Watch TV? Then your chairs must be in front of the TV set, but far enough away so you can see the programs comfortably.

Cut out scale-drawn outlines of each piece of furniture. Then draw a scaled plan of your room. Arrange your "furniture" inside your paper "room." Keep making changes until you find the best possible grouping. The photographs on this page will give you some good ideas. They're from the Shelden Jospey home in Glencoe, Illinois.

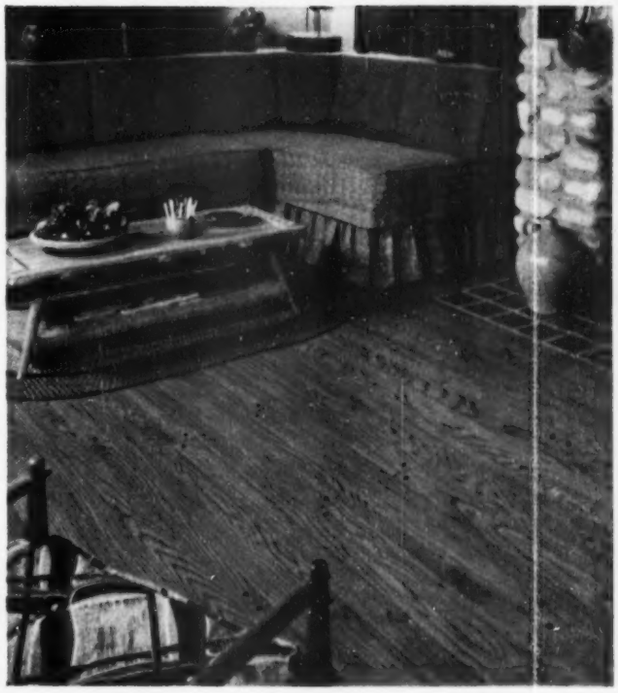




Game area is situated in the family room, once a screened porch. Permanent card table and four cane-backed chairs stand next to the television set. Built into a corner at an angle, TV screen can be seen easily by folks sitting across the room on the sofa and the loveseat

More on page 187

BRUCE HARDWOOD FLOORS



NATURALLY BEAUTIFUL

...and yours for a lifetime

In floor beauty, you'll find there just isn't any substitute for the artistry of nature.

These photographs can only suggest to you the warm, mellow coloring and delightful grain pattern of Bruce Hardwood Floors. Best of all, this natural beauty neither fades nor wears away—it will last the life of your home.

To have the loveliest floors in town, choose Ranch Plank Floor (above) with random widths and walnut pegs ...or a modern parquetry floor of Bruce Blocks (below)... or the popular Bruce Strip Floor (not pictured). All three are genuine, solid oak with a superb factory-applied finish.

Your architect, builder or lumber dealer knows all about Bruce Hardwood Floors. For color literature, write:

BRUCE

E. L. BRUCE CO., 1710 THOMAS ST., MEMPHIS 1, TENN.
Also makers of Bruce Floor Cleaners and Waxes

Bathroom Design by Ving Smith

Classic Dignity...lavish bathroom convenience!

The lovely simplicity of line and form that graced the art of ancient Athens gives classic beauty to this modern bathroom, with its marble finished walls, Grecian urn and border motif, and lyre-framed make-up mirror.

Twin counter-top lavatories are wonderfully convenient, and the rich colors of the room are contrasted with sparkling Arctic White U/R fixtures —the *whitest* fixtures made! All this gleaming beauty is enduring, too, for these U/R fixture surfaces are actually *harder than steel,* to stay bright year after year. That's the result of U/R's pioneering one-fire "Hi-fired" process!

If you prefer colored fixtures, you'll want *matched* colors from Universal-Rundle—maker of the *first* colored fixtures. Choose any of these four beautiful decorators' colors: Verdant Green, Azure Blue, Sunlit Ivory, and Desert Tan.

Ask your plumber, architect or builder how U/R has pioneered in fine fixtures for 52 years . . . why *today's* Universal-Rundle bathroom fixtures are the finest choice for your home.

For better living . . . two bathrooms

UNIVERSAL-RUNDLE CORP., 107 River Road, New Castle, Pa.
Plants in Camden, N. J.; Milwaukee, Wisc.; New Castle, Pa.; Redlands, California; San Antonio and Hondo, Texas

The World's Finest Bathroom Fixtures by Universal★Rundle

Functional styling with lasting beauty marks this new Chateau, with its wide counter space and anti-splash rim. Also available with chrome legs.

U/R Food Waste Disposer! Revolutionary new "Undercut" action makes this the most *quiet* disposer! Gets rid of messy garbage can problems for good!

Lovely kitchens, too! You can change an ordinary kitchen into a modern, efficient beauty, by installing U/R cabinet sinks, wall and base cabinets!

Send for booklet! Packed with decorating ideas...plans...full color bathrooms ...helpful information. Yours for 10c in coin. Write for it today!

Six activity areas in two rooms!

Begins on page 184

Architect: Joseph Hayes

TV-viewing area. Sofa and matching loveseat, catercorner from TV screen, seat five for viewing television or listening to records. The carpet is a black-and-white wool-and-rayon mixture. Upholstery is black antique satin. Pillows in lemon yellow provide accent. Walls and ceiling are antiqued chestnut in a pickled finish

Family-room fireplace shares a flue with the one in the living room. Black metal rooster is a striking contrast to the white brick. The radio, record-player, and cabinets for storing records are built into the wall. Folding doors match the antiqued-chestnut walls. They are pushed back out of the way when radio-record unit's used

More on page 189

"Model Home" closet accessories by Henry A. Enrich & Company, Inc., 6 East 32nd Street, New York

Solution to "Problem" Closets

See the extra room you get with a "Model Home" closet ensemble made of MONSANTO ULTRON® Vinyl Film — Guaranteed by Good Housekeeping

Without touching a hammer or saw, you can make your small closets bigger . . . and big closets more attractive, more useful. You can do it easily, inexpensively with "Model Home" closet accessories of sturdy, colorful Ultron vinyl film.

Clothes put away fresh and *neat* . . . always within reach . . . in handsome garment bags and boxes of Ultron. Rugged, durable Ultron, of course, keeps out dust and moths . . . protects frills and laces from everyday closet-wear. There's plenty of space for shoes and hats and blankets, too . . . and extra-long bags for evening dresses.

You'll find a full selection of "Model Home" accessories to fit your needs, in matching or harmonizing patterns and colors, at your favorite department and variety stores. Stop in soon – and buy yourself a "bigger" closet. A *complete* ensemble costs less than one spoiled garment.

MONSANTO®

MONSANTO CHEMICAL COMPANY
Plastics Division, Springfield 2, Mass.

SERVING INDUSTRY . . . WHICH SERVES MANKIND

SOUTHERNER, a luxurious loop-pile quality carpet in fifteen clear contemporary colors. Pre-shrunk, washable, long-wearing. Each tuft is locked into the improved, firm, sturdy back. 27 inch; 9 and 12 foot widths. Scatter Rug sizes: 18" x 36", 24" x 48", 27" x 54", 36" x 60", 4'6" x 6'.

The Magee Carpet Co.
Mills: Bloomsburg, Pa.

for you . . . cotton carpets by

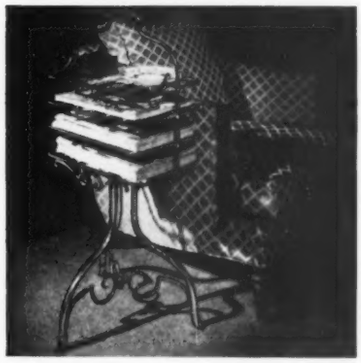
magee

MAKE A HOUSE A HOME

Six activity areas in two rooms!

Continued from page 187

Writing area is tucked into a quiet corner. Notice the unusual combination of wood finishes in these three pieces; secretary is lacquered black, spattered in gold with panels edged in antique ivory. The desk chair is antique ivory; the armchair is fruit wood



A bright touch of metal to contrast with the fruitwood finish of French Provincial furniture, is spotted in several places in these two rooms.

Four-tiered brass music stand, an Italian antique, is used as a magazine table beside a lounge chair.

Antique shaving stand of burnished brass makes an unusual floor lamp.

Stand is fitted with twin lights attached to the sides of the mirror. Shelf, formerly for shaving supplies, now serves as a smoking stand.

Better Homes & Gardens has furniture cutouts for living, dining, and bedrooms, plus the ruled paper for your floor plan. Order "Furniture-arrangement Kit" from 7609 Meredith Building, Des Moines 3, Iowa, and enclose 25 cents in coin

...the total cleansing of exclusive Agiflow Action
It's the perfected agitator way to wash *all* fabrics!

...the delightful freshness of the Germicidal Lamp
Beams outdoor fragrance in as the dirt's washed out!

...the added freedom of exclusive Cycle-Tone Signal
Never "forgets"; calls you when your wash is done!

You'll like everything about

Wonderful Whirlpool

AUTOMATIC WASHER

. . . the only washer with

Suds-Miser and the Seven Rinses

For women who want the thriftiest, most thorough washings known!

YOU'LL SAVE over half the cost of soap, water, fuel, with amazing Suds-Miser*. Rich, sudsy water is stored, then *returned*, for load after load. *(optional)

AND YOU'LL SEE washing that's *sparkling Clinic-Clean!* Whirlpool's Automatic Seven Rinses swirl away all trace of soap . . . with minimum use of water. Flexible Timing; Big 9-lb. Capacity; 5-Year Warranty on Transmission.

Whirlpool does so much more . . . costs you no more!

TODAY, homemakers everywhere are choosing Wonderful Whirlpool—for its amazing efficiency, exclusive features, Fashion Academy beauty. Your Whirlpool dealer can make it so easy for *you* to own this wonder-working washer. To DRY *while you wash*, see the matching Whirlpool Dryer!

FREE BOOKLET!
"Modern Fabrics and How to Launder Them"
First complete guide. Ready for you at your dealer's. Ask for it!

WHIRLPOOL CORPORATION, ST. JOSEPH, MICH.
In Canada: John Inglis Company, Ltd.
Whirlpool Automatic Washer Models priced as low as $239.95—slightly higher in some areas.

PATTERN FOR *Beauty*

Daylighting partition enhances decor in residence of Mrs. Bruce Crow, Mesa, Ariz. Photo by Frank L. Gaynor, Tucson, Ariz.

This friendly partition of softened, diffused light adds interest in an unusual manner to this cheerful room. The beautiful Pluralite pattern creates an effective backdrop for furnishings and decorations, while this lovely decorative glass by Mississippi separates living areas of the home without destroying a feeling of unity and spaciousness.

Translucent without being transparent, decorative glass floods adjoining areas with flattering "borrowed" light. The entire home gains an air of leisurely, comfortable, modern living when Mississippi glass is employed.

Daylight can become a part of your decorating scheme. Make your home brighter in the modern manner. When you build or redecorate, specify glass by Mississippi. Available in a wide variety of beautiful and distinctive patterns.

Write Dept. B today for free booklet, "Modernize Your Home With Decorative Glass." Photographs of actual installations. Many ideas on ways to use this exciting new medium.

MISSISSIPPI *Glass* COMPANY

88 ANGELICA ST. SAINT LOUIS 7, MO.

NEW YORK • CHICAGO • FULLERTON, CALIF.

WORLD'S LARGEST MANUFACTURER OF ROLLED, FIGURED AND WIRED GLASS

OXCO BRUSHES

Red Breast

GENUINE PALMETTO WHISK

Useful in so many ways, you'll want one for...

YOUR CAR

YOUR HOME

YOUR OFFICE

YOUR SHOP

YOUR HANDYMAN

You'll find this tough-fibred, long-wearing whisk is "just the right brush" for many cleaning jobs around the house...and so will your husband. Keep several handy to have one when you need it.

Next time you're shopping, look for the reddish-brown fibre, the dancing girl and the name Red Breast...at brush counters everywhere. One of millions of quality household brushes sold annually that carry the brand name . . .

OXCO BRUSHES

OX FIBRE BRUSH CO., INC. • *Established 1884* • FREDERICK, MD.

HOW-TO

for the homemaker

Suds skiddoo. Try this trick if you're bothered by sudsy water running down to drip off your elbow when you wash a wall.

Fold a washcloth. Pin it snugly around your wrist. The cloth will catch the suds before they can scoot down your arm.

Mrs. Berdene S. Giles
Fort Wayne, Indiana

T-formation. Put new life into sagging necklines of your family's T shirts and sweaters.

Run an elastic thread around neck seam inside the ribbing. Pull thread to bring neck into shape; tie ends together to hold it there. This is good "preventive medicine" for new clothes.

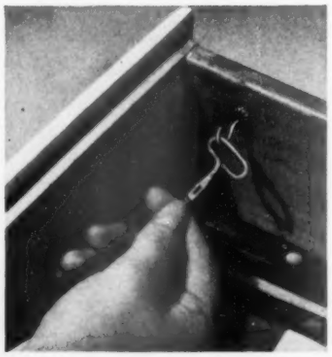
Marcia Fitzgerrell
North Hollywood, California

Photographs: Stanley

Color file. Carry the exact color of the paint on your walls with you when you shop for drapery or upholstery material.

To get a perfect color sample, just dip a small piece of white blotter into the paint you've chosen for your wall. Blotter will dry the same color as the paint will be on your wall.

Helen Parker
Fall River, Massachusetts

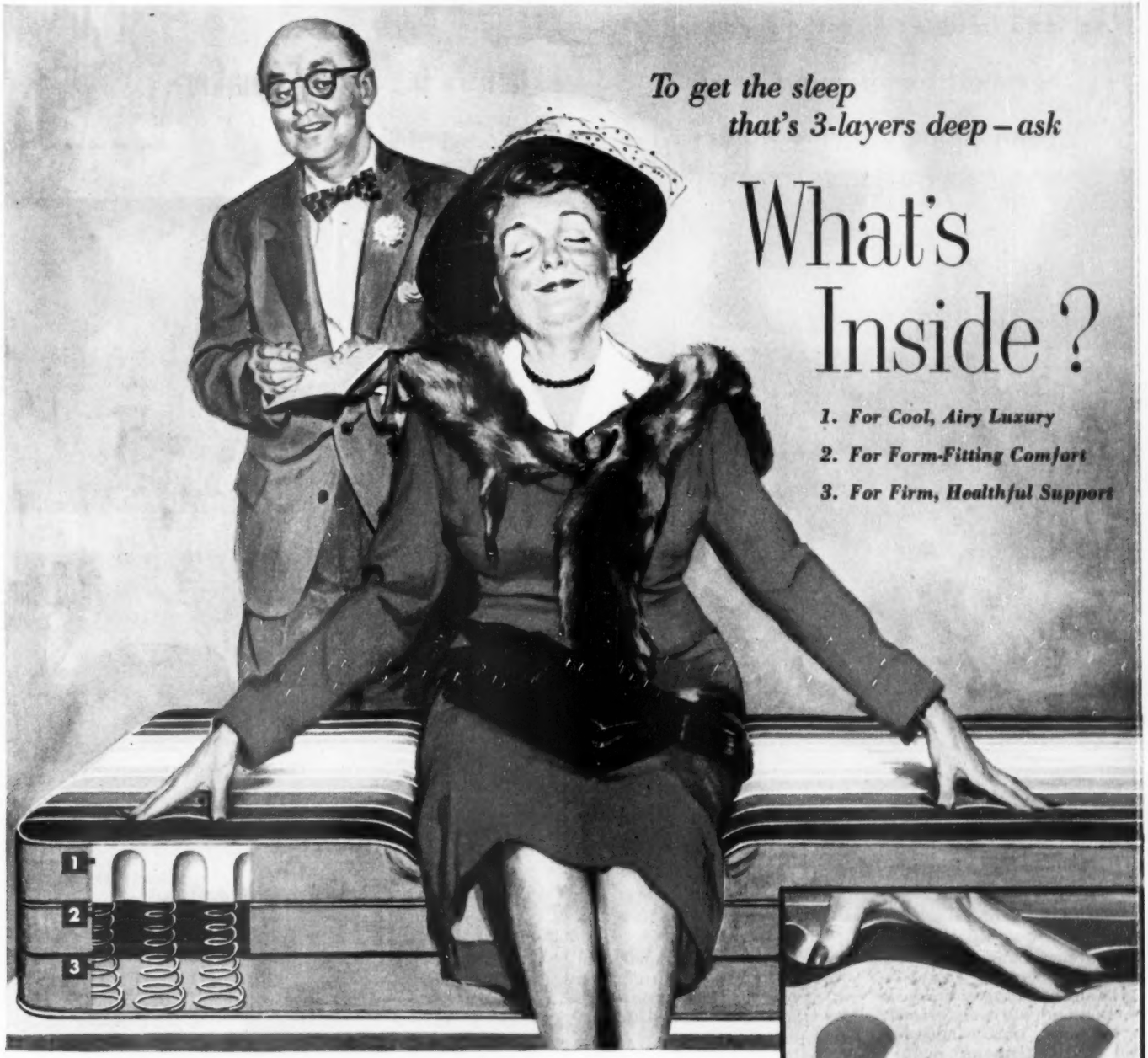


Keyed up when you lose the key that opens some of your cans? Well, don't be! No need to fumble with the pliers, either.

Just hang a spare key on a cup hook inside your cutlery drawer where it'll save your sunny disposition in emergencies.

Mrs. Leslie V. Schultz
Cicero, Illinois

More on page 192



How this balanced team promotes completely relaxed slumber:

IT STARTS WITH THE AIRFOAM MATTRESS, ever plump and sweet, with never a sag or hollow to mar your perfect rest. No—not even after years of use! The half-MILLION air cushions in each cubic inch of AIRFOAM exert a lasting, gentle uplift that floats you off into dreamland. What's more, these air cushions *breathe* with your every motion, prevent overheating or accumulation of allergic dust—*eliminate need to turn the mattress!*

But that's just part of this delightful sleep-team. The AIRFOAM Mattress transmits your contours to Englander's famous Red-Line Foundation. Expressly designed to *work with* AIRFOAM, the foundation's top spring-layer automatically shapes itself to you. Then the staunch bottom spring-layer responds with unfailing *support* – essential to healthful sleep.

So when looking at mattresses, look for the two great names – AIRFOAM and ENGLANDER. They mean that WHAT'S INSIDE is for you!

Englander Mattress of Goodyear's luxurious AIRFOAM $79.75

Englander Red-Line Foundation $69.75

Prices subject to change without notice.

OVER HALF A MILLION AIR CUSHIONS TO EACH CUBIC INCH are the secret of AIRFOAM's deep, cool luxury—its completely relaxing "uplift." No other type mattress has this important feature.

Englander

AMERICA'S MOST LUXURIOUS MATTRESS

Airfoam—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio
Red-Line—T. M. The Englander Company, Inc., Chicago

Airfoam MADE ONLY BY GOODYEAR

THE WORLD'S FINEST CUSHIONING

We think you'll like THE GOODYEAR TELEVISION PLAYHOUSE—every other Sunday—NBC TV Network

Let a baby's touch show you why home air conditioning costs less with Ponderosa Pine windows

Yes, even a baby can tell the difference between wood windows and other types! For wood windows are *warm and friendly* to the touch. Wood windows do not readily transmit heat or cold. And that's mighty important in keeping home air conditioning costs down!

Superior weather-tightness is a major advantage of modern Ponderosa Pine window units. Precision manufacture and prefitting reduce wind infiltration and heat leakage to a minimum. Wood windows, too, can be *effectively* weather-stripped. The result: more cooling and heating dollars saved.

Water-repellent preservative treatment at the factory assures lifetime service with Ponderosa Pine windows. And because smooth-grain Ponderosa Pine provides such an excellent bond for paint, there's less flaking or peeling and, of course, no rust or corrosion to contend with.

Send for this window idea book—full of new and interesting ways to use the many beautiful types of Ponderosa Pine windows.

Ponderosa Pine **WOODWORK**

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Please send me your new illustrated booklet "The New Outlook." I enclose 10 cents.

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How-to for the homemaker

Begins on page 190

Evade fade. Don't take any chances with a damp garment that might fade onto others in your ironing basket.

Just roll up each piece you aren't sure of—then slide it into a plastic bag.

Barbara Peters
Denver, Colorado

Marking time. Find the right sheet on the first try! Sew colored thread to the bottom hems on each of your single-bed sheets.

Leave the double-bed sheets plain, or mark them with thread of another color.

Mrs. Mildred R. Fox
Rensselaer, New York

Hair craft. Here's a good way to protect your hair from splatters when you paint in high places.

A plastic shower cap will do the trick—paint can't soak through it. Your cap will come in handy, too, when you clean ceilings.

Cora Foss
Battle Creek, Michigan

Sock that dirt! Old wool socks make quick work of your polishing jobs. Pull a sock over each hand. Rub the polish onto the furniture with one hand; buff it to a shine with the other.

Keep both hands moving at once to cut working time.

Mrs. Julian E. Hirsch
Highland Park, Illinois

For each household tip published, Better Homes & Gardens will pay $5. We regret we cannot return those not accepted. Send your ideas to How-to for the Homemaker, 7209 Meredith Publishing Co., Des Moines 3, Iowa.

Casual Simple Styling

fine uncluttered design makes this the furniture you'll live happily with for many years to come

ABOVE

For your bedroom, Heywood-Wakefield's clean-cut, Home-Planned Modern with the softer rounded lines for today's casual living. Modern to go beautifully with the furnishings you already own, and the additions you'll make in the future.

RIGHT

For your living room, flexible Modern with sectional upholstered pieces you can arrange in any way to fit your individual needs. Of selected solid birch, Heywood-Wakefield coordinated Modern furniture is available in over a hundred pieces for every room in your home.

BELOW

For your dining room, Modern at its informal best to make an interesting, integrated whole of your living-dining area. Skillfully designed for dual-purpose, it lends itself easily to any arrangement.
See Heywood-Wakefield Modern at your favorite furniture or department store.

HOME-PLANNED

modern

by

HEYWOOD-WAKEFIELD

HW

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HOW TO DECORATE WITH MODERN

Gladys Miller, famous decorating consultant, tells you how to plan an attractive home with Modern. Send 25¢ in coin for your copy of this beautiful 28 page book today. If you'd also like Miss Miller's book "Home-Planned Old Colony," send 50¢ in coin for both.

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I enclose ..... in coin for your decorating books at 25¢ each.
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Heywood-Wakefield, also makers of Asheraft and Old Colony furniture

Design for a modern bath by Edward D. Stone, A. I. A.

"CLAY TILE MEETS THE CHALLENGE OF MODERN DESIGN ...WITH BEAUTY AND PRACTICAL CONVENIENCE"

Edward D. Stone

Noted architect Stone draws a spectacular performance from clay tile in this uniquely modern bathroom design. Imagine the same performance in your home! Your bathroom—modest or spacious—can sparkle with the same permanent clay tile beauty.

The roomy lavatory counter tops you see above can be adapted readily to single or dual sinks. Whether your preference is stall shower, tub or luxurious tub-plunge like the one illustrated, clay tile is the practical and permanent answer to any shower or tub area.

When it comes to bathroom floors—no wax, waterproof, scuff-proof, dent-proof clay tile is always the wisest choice! And, of course, clay tile walls and wainscot will always hold cleaning chores to a minimum.

For a new bath or a remodeled one, work out your own individual design with your nearest clay tile contractor or architect. Ask him to show you the wide range of decorator hues available now in lustrous glazes and muted color tones.

Get clay tile remodelling and new construction ideas from colorful brochure "Tile . . . For a More Beautiful Home" plus a full color folder on ideas used in the Edward Stone bath design. Both for 10¢. Write to Tile Council of America, Dept. C, Room 3401, 10 East 40th St., N. Y. 16, N. Y., or Room 433, 727 West Seventh St., Los Angeles, California.

The Modern Style is GENUINE CLAY tile

PARTICIPATING COMPANIES: American Encaustic Tiling Co. • Architectural Tiling Co., Inc. • Atlantic Tile Mfg. Co. B. Mifflin Hood Co. • Cambridge Tile Mfg. Co. • Carlyle Tile Co. • General Tile Corp. • Gladding, McBean & Co. • Mosaic Tile Company • Murray Tile Co., Inc. • National Tile & Mfg. Co. • Olean Tile Co. • Pacific Tile and Porcelain Co. • Pomona Tile Mfg. Co. Robertson Mfg. Co. • Royal Tile Manufacturing Co. • Summitville Tiles, Inc. • United States Quarry Tile Co. • Winburn Tile Mfg. Co.

Floor-to-ceiling draperies pull onto the wall, completely clear of the large window area that is planned to take full advantage of the view. When the direct sun doesn't hit this side of the house, the draperies aren't in the way of the soft light that makes room bright and cheerful. Draperies are on ceiling track

See what you can do with draperies!

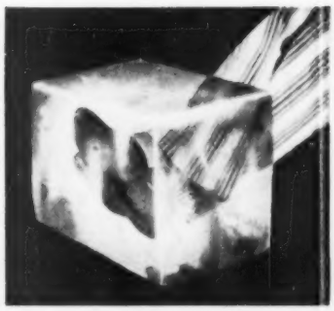
Big window areas and open-planned rooms are trademarks of today's homes. Together, they give a wonderful feeling of spaciousness, uniting inside and out.

Many families have decided they wanted this type of home, but have found the large windows create a drapery problem. Then, too, there are times when it is desirable to divide a combination living-dining room. The Jacob Loeb, II, home shows how to solve these problems with well-planned drapery treatments.

Sun curtains of a plain plastic act as a drapery lining and are used to filter the glare when the sun puts its full force on this side of the house. The plastic curtains are on a separate traverse track, and usually are hidden behind the draperies. Note decorative effect of filtered light

Decorator: Howard Boynton. Photographs: Hedrich-Blessing

Drapery on a ceiling track can be pulled across behind the sofa to separate the living room from the dining area. Sofa and buffet are arranged back to back. Even with drapery pushed back, there is a feeling of separation between the two rooms without space-stealing walls



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Cold feet are cold facts! If you have them, then your home needs Dearborn Area Heat. This new home heating concept gives *each living area* of the home its own individual heat source — thermostat-equipped for ideal temperature control. Other types of heating, with one central control, must "average" the heat throughout the house. Dearborn Area Heat controls the heat in *each* area, keeping temperatures at the comfort level, always.

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For more information about Dearborn Area Heat, see your Dearborn dealer. And for your free copy of "The Story of Area Heat," mail coupon below.

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Garden clinic

How to start new rubber plants

Q *My old rubber plant has become too tall. Will you tell how to start a new one?* *N. R. E., South Dakota*

You can easily start a new plant from your rubber plant, *Ficus*, by a method called "air layering." And you'll get a larger new plant in half or less the time it would take you to grow one from a slip. You can increase dieffenbachia, monstera, and similar plants the same way.

Here's how: Cut off a leaf about 10 or 12 inches below tip of the plant, close to stem. Start cut below leaf stub (above). Cut up at 45-degree angle, and stop halfway into stem.

Photographs: Fletcher

Insert a slip of wood, such as a matchstick, into the cut. This will hold cut apart and encourage roots to form. Then wrap a ball of wet sphagnum moss around the area. Tie cord around ball so it's held firmly to stem.

Keep sphagnum moist. To do this, wrap aluminum foil or polyethelene film around ball. In six to eight weeks, loosen ball enough to see how roots have developed. When roots are about an inch long, sever rooted top portion completely with cut one-half inch below new roots. Pot in topsoil.

You're ALWAYS one step ahead of the weather with **RUSCO**

Enjoy greater comfort the year 'round —protect your home with these world-famous RUSCO products

Every Rusco product is designed to do three important things for you:

1. Protect you against the elements and greatly increase your living comfort,
2. Save you work and trouble and,
3. Save you money by protecting your health, property and furnishings.

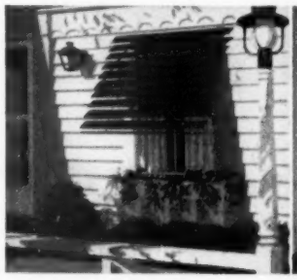
Rusco combination windows, doors and porch enclosures are *permanently* installed and the glass and screen inserts are self-storing so that you *never* have to change—you just arrange, according to the weather. Rusco awnings and jalousies are also permanent installations—eliminating once and for all the fuss and bother of putting up, taking down and repairing.

America buys more Rusco combination windows than *any other brand* at any price! There's a Rusco window to fit every pocketbook—from the Super Economy model, as low as $14.95, to the Super De Luxe Rusco Combination Window, beautifully finished with baked-on enamel, at $38.50 for average window frame size (28 x 54 in.) Available in both galvanized steel and aluminum.

Start enjoying better living with RUSCO now

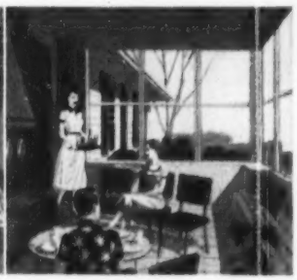
RUSCO Self-Storing COMBINATION WINDOWS *give you patented Magicpanel® year'round rainproof, draft-free, filtered screen ventilation and many other exclusive comfort and protection features. Pay for themselves in fuel savings alone.*

THE BEAUTIFUL, STURDY RUSCO Picture Window VENTILATING DOOR *lightens and brightens hallways and interiors. No changing—no storing. Just raise lower glass like you would a window for desired amount of ventilation.*



RUSCO Adjustable VENETIAN AWNINGS *permit you to regulate the exact amount of shade, light and ventilation desired with easy, inside fingertip control. Permanently installed—no seasonal changing or storing.*

RUSCO GLASS JALOUSIES *are perfect for indoor-outdoor living. These handsome glass-louvered windows and doors are adjustable to any desired degree of ventilation. Ideal for Florida-style porch enclosures, windows, breezeways, and room dividers.*



RUSCO PORCH ENCLOSURES *convert your porch into a comfortable year'round room at very little cost. Give you a combination glassed-in and screened-in porch with full ventilation control. Nothing to change—nothing to store.*

RUSCO Coolaire AWNINGS *are air-vented—throw off heat—ideal for terraces, doorways, carports, etc. All Rusco awnings are beautifully finished with baked-on enamel in a wide choice of beautiful colors.*

RUSCO

ALL METAL SELF-STORING
Combination Windows, Doors and Porch Enclosures
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WORLD'S LARGEST MANUFACTURER OF METAL COMBINATION WINDOWS

MENGEL *Sun 'n Sand*

A functional oak group that puts every inch of wall-space to work

...won't even let a corner sit idle!

LOOK AT all THAT BEAUTIFUL ROOM!

Rooms actually grow roomier as, one piece after another, you put this furniture in place. Drawer after drawer... and still floor space galore! There's a choice of over twenty individual bedroom pieces... and numberless ways to arrange them. Mengel Sun 'n Sand is crafted of sturdy oak in a sunny finish... at sunny prices ...to bring a lifetime of cheer to your home.

For your Dining Room, too, choose efficient Sun 'n Sand . . . and eat in delectable surroundings!

Mengel Furniture groupings are priced from $179 to $499 f.o.b. Louisville

MENGEL

THE MENGEL COMPANY • FURNITURE DIVISION • LOUISVILLE 1, KENTUCKY

More space within old walls

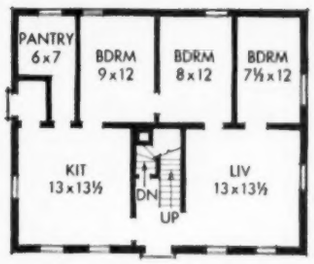
BEFORE **AFTER** →

Small, frame farmhouses such as you see above were almost as common as trees on the New England landscape 100 years ago. Most were very solidly built, as was this one, but here the plan created dark, cramped bedrooms and living room.

A fresh paint job and wider, larger windows brought new beauty to exterior of the house. Huge glass area on the side replaced four conventional windows. Side is given added design interest by striking framing of large window.

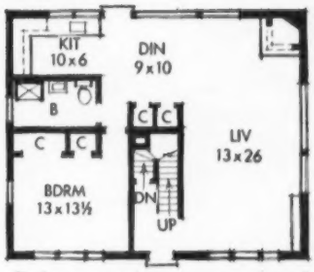
Photographs: Garrison

BEFORE



Rigidly confined rooms characterized original plan. Windows were small; storage was almost nonexistent. There was a side door, unnecessary pantry, no inside bath

AFTER



Bedroom partitions were removed. Owner's bedroom replaced kitchen. Loft upstairs became balcony library and two bedrooms. Pantry and side hall became bath and new kitchen

It took a lot of inventive thinking to change this typical story-and-a-half farmhouse (more than 100 years old) into a home with many features of today's best planning.

And the big gain was *space*—yet there was no stretching of the home's original dimensions! Before, three small bedrooms and a pantry lined one side. Partitions came out—opening this area to the old living room.

The loft, formerly a makeshift storage area, became space for two bedrooms and a large storage room. For added effect, a balcony "library" overlooks the living area.

Balcony is open to living room and outdoor view; two bedrooms are beyond built-in bookshelves. Before, ceiling of lower floor completely hid loft. Dining area is set off from living room without using partitions. Kitchen merges with living areas, but can be closed off by a bamboo screen

More on next page

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—the Robertshaw®
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YOU set the dial: Mr. Controls does the work! He automatically regulates the dryer's performance . . . drying your laundry exactly *right!*

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Buy modern appliances with Mr. Controls on them. Look for the names *Robertshaw* or *Grayson* on the automatic heat control—your *assurance* of finest performance.

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Song title by permission, Edwin H. Morris & Co., Inc.

More space within old walls

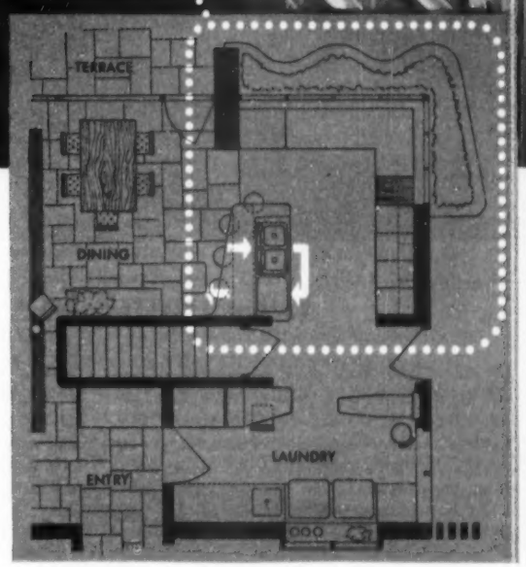
Begins on preceding page

This is rear of the house. Its generous areas of fixed and ventilating glass afford view of rolling green hills, trees, lanes lined with rock walls. Door, new to this side, leads into dining area. Chimney (left) for new fireplace adds balance to high gable roof.

The architect was Ira Rakatansky of Providence, Rhode Island; owner, Richard Blanding.

There's no suggestion of home's 100-year past in this bright, Contemporary living area (fully twice as large as before). Floors of old house, now covered with a fiber rug, were sound enough to leave intact

View and natural light come to living area through towering glass wall. Ceiling, wall finishes were removed, and original framing was left exposed. Rising to roof, room has greater height, more spacious feeling. Corner fireplace can be enjoyed from two sides



CRANE'S "WORK-FLOW" KITCHEN

makes the whole house run smoother

Here's a kitchen to save your steps, save your time, and make you feel better about the whole business of housekeeping!

It has been designed to control the "work flow"—with three basic sections where kitchen work is grouped by function.

For example, at the left of the picture, you see the food preparation and clean-up center. The gleaming Crane All-American sink and a dishwasher are set side-by-side in a colorful counter-top island of Crane cabinets to serve both kitchen and dining room.

Opposite is the cooking center, with a combination of Select-A-Range units. At the far end is the receiving and storage center, with plenty of Crane cabinets grouped within easy reach.

These centers not only control the kitchen work—but the kitchen itself is a "control room" for the house. You can see from the floor plan how the architect has provided access and supervision to dining room, play yard, laundry, carport and front door . . . all with an indoor-outdoor open feeling.

Like the idea? Want to know more about it—and about other exciting new room ideas like this? Then see your Crane Plumbing and Heating Dealer, before you build or remodel. Ask him to show you Crane's Sketchbook of Ideas for kitchens, bathrooms, utility rooms. Or write Crane Co., 836 South Michigan Avenue, Chicago 5.

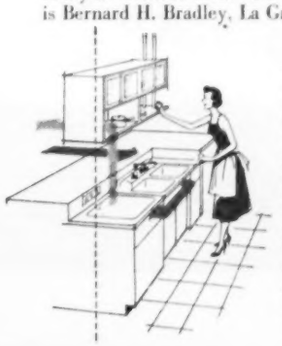
COME TO

CRANE

FOR IDEAS

A new kitchen idea from Crane's national architectural competition

This unusual, but completely practical kitchen groups related equipment together, provides direct access to laundry, carport, play yard, dining area and terrace. This kitchen is really a "control room" for the whole house. The architect is Bernard H. Bradley, La Grange, Ill.



See how the handling of dishes is streamlined. When you clear soiled dishes from the dining table, you don't have to walk into the kitchen each time. Just put the dishes on the counter. Then through the Crane All-American sink for a quick rinse, and into the dishwasher. Clean dishes go on shelves that are equally accessible from the dining area.

Basement for a lady with a green thumb

BACK IN THE DAYS when basements all had dusty, unattractive floors, you didn't have much incentive to use this extra space. Now, however, Armstrong's Asphalt Tile makes it easy for you to plan almost any kind of basement room. If gardening's your passion, for example, here's how basement space can be utilized as a gardener's workshop as well as a laundry.

The laundry side of the room includes a complete sewing center. Sewing machine, work space and mending equipment are right at hand for quick repairs. For the lady with a green thumb, there are open bins with hinged glass doors to keep flower seeds, bulbs, and catalogues in sight, yet neatly separated. Row upon row of extra-deep drawers store the small tools and equipment that clutter most gardeners' benches, and there's a huge cabinet desk with storage space galore.

The black and ivory of Armstrong's Asphalt Tile set off the gay pink and black color scheme. And the floor's smart custom design adds to the decorative effect of the room without, however, adding to the cost. Armstrong's Asphalt Tile is laid a tile at a time, permitting such special effects without extra expense.

For all its good looks, Armstrong's Asphalt Tile is a rugged floor that will take a lot of wear without losing its beauty. The colors go all the way through each tile, so they can't wear off. And, unlike ordinary floors, it is not affected by the alkaline moisture always present in basement concrete. Made especially to resist this condition, Armstrong's Asphalt Tile enables you to have just as beautiful, long-lasting floors in your basement as in any other room in your house.

Armstrong's Asphalt Tile is remarkably low in cost. Ask your Armstrong dealer to suggest designs and give you cost estimates. After you see them, you'll know why this floor is called "The low-cost floor with the luxury look."

Bulbs and tools as well as socks and shirts can be rinsed conveniently at the wash tubs which separate the gardener's corner from the laundry. Placed out into the room, instead of against a wall, the tubs can be used from either side with equal ease. Spilled dirt or soapy water wipe up easily from the floor of Armstrong's De Luxe Asphalt Tile, Ebony Marble No. B-305 and Ivory Marble No. D-300.

Laid block by block, Armstrong's Asphalt Tile makes it easy to create original floor designs. There are colors to harmonize with any decorative scheme. Your Armstrong merchant can suggest interesting treatments.

ARMSTRONG'S ASPHALT TILE

The low-cost floor (A) *with the luxury look* ®

MADE BY THE MAKERS OF ARMSTRONG'S LINOLEUM AND ARMSTRONG'S QUAKER RUGS

Write for free booklet, "Rooms for Better Living." Contains 24 pages filled with full-color illustrations and decorating ideas for basements and basementless houses. Floor plan and list of furnishings for room above sent free. Write Armstrong Cork Company, 5309-A High St., Lancaster, Pa.

It's built into its setting

Begins on page 78

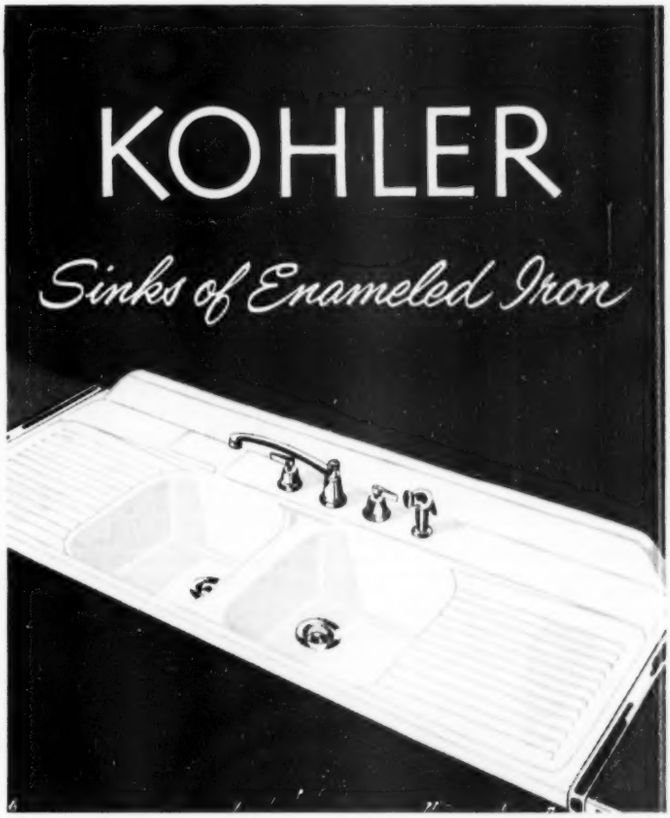
Again, simple techniques pay off to make entrance of more than ordinary interest. Canopy projecting from roof is at slight pitch instead of flat. Vertical grillwork supporting canopy creates a handsome pattern broken nicely by two rows of potted geraniums

Excellent traffic pattern throughout house is reward of this well-planned entrance hall. You can reach any room including terrace directly from entry, without interrupting living-room activities. High windows with birch cabinets below are at front of house

Owners' bedroom looks out at rear of the house for privacy and its own picture view. Note how well space was used throughout this house—here small vanity is built in between closet and outside wall. Draperies pull clear of windows so full view is exposed

KOHLER

Sinks of Enameled Iron



Wilshire

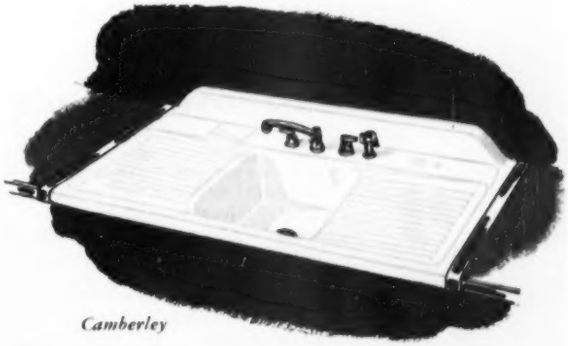
A Kohler enameled iron kitchen sink will afford you specific advantages at the vital work center of your home.

The Kohler enamel, acid-resisting clear through, has a sparkling, smiling hue and finish, easy to clean and clean-looking, no orange-peel texture.

This superior enamel is safeguarded from strain because it is fused to a strong, rigid base of cast iron.

Integral enameled drainboards—on both sides, if space permits—afford the utmost utility in convenient and sanitary self-draining work areas.

Other advantages of Kohler sinks are a full-length ledge with built-in soap dish, Kohler Duostrainers to make the deep basins water-retaining, a thumb-pressure sprayer for rinsing, Kohler chromium-plated fittings matching the fixtures in style and quality. Write for booklet F-16.



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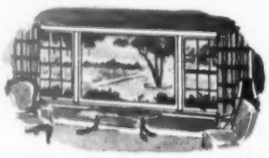
An excellent choice to combine your view with plenty of ventilation. Silentite double-hung wood windows have exclusive patented weatherstrips to bar out cold, dust, soot. They operate easily as raising a shade—no bothersome weights, cords, or pulleys.

Casements
Very popular for kitchens, sun rooms, dens—or to add extra smartness to any room. Silentite casements are extra weathertight—lock in any position—can't swing or rattle.

View Sash
Curtis view sash can bring extra charm to almost any room. They come in several styles and sizes—and may be used alone, as here, or with windows that open on the sides.

Panel Windows
A wonderful way to open your home to the beauty of outdoors! Curtis panel windows are rugged in construction—insulated—available in sectional units for any size of window opening. Ventilating louvres are shown below.

Bow Windows
This Curtis bow window gives an appearance of greater size to any room—and adds distinction to the exterior of the home. Several Silentite sash types are available which open in casement style.



Picture Windows
Wherever your landscape provides a suitable view, use a Curtis picture window. There are many attractive combinations with other Silentite windows—double-hung and different styles of casements.

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Should we allow children to skip grades?

By Norma E. Cutts and Nicholas Moseley*

Skipping, long out of fashion, is again a possibility for the bright child. There are several reasons for this.

Prof. Lewis Terman, author of the Stanford-Binet intelligence test, has followed the careers of 1,500 gifted individuals for 25 years. His research shows that the very bright child who skips generally does better schoolwork, is more healthy and better adjusted, and is more successful in later years than his equal in intelligence who progresses through school at the regular rate.

Henry Chauncey, head of the Educational Testing Service, says the bright child should be allowed to complete his education rapidly so as to devote more time to work in his chosen field. He points out, "We are needlessly losing valuable years in the productive lives of our brightest students."

Experiment in skipping

And the Ford Foundation is giving college scholarships to 200 students a year who will enter college before they are 16½. Yale, Chicago, Columbia, and Wisconsin are each accepting 50 of these young people, most of whom will be skipping their senior year in high school.

In view of these facts, many school officials are reconsidering their policies on promotion. Your boy or girl may be one of the bright ones who is offered a chance to jump ahead in school.

But skipping is not a matter for a snap judgment. Many tragedies trace back to a child's being pushed into competition for which he was not ready. Each case has to be decided on its merits. Here are the probable advantages and the possible dangers in skipping, to consider in the case of your own youngster.

Early graduates get head start

A glance ahead will impress you with the material advantages of skipping. A boy who enters first grade at 6 and never skips, graduates from high school at 18 and from college at 22. If he gives two years to the Army, he'll be at least 24 before he gets a start on his career. If he goes through law school or takes other graduate work, he'll be another two or three years older. If he becomes a medical specialist, he'll be 31 or 32 before he can have a practice of his own.

Through these years, even if he wins a scholarship, he will be a continuing financial drain on his family or will have to slave under the double burden of studying and earning. He'll face all of the emotional and moral dangers involved in delayed marriage unless his parents—or his wife—support him in the married state.

Individuals who graduate from college one, two, or more years younger than the average get a head start in life.

*The writers are educators whose latest book, "Bright Children, a Guide for Parents," was published recently by Putnam's Sons

Finishing school young has advantages, but unwise skipping may do more harm than good. Is a general speed-up the answer?

Moreover, Terman and others have shown that the bright boy or girl who is pushed ahead, generally does better academic work in school and college than the bright youngster who progresses at the usual rate. The reason is clear. The bright child learns far more rapidly than his slower contemporaries. Without trying, and almost regardless of how he is taught, he knows as much as the average student learns in extra years of work.

Bright child needs competition

But when the bright youngster is kept with his age mates, he is likely to be bored, to learn lazy habits, and, out of idleness, to get into all kinds of mischief. When he comes face to face with a difficult intellectual task or with real intellectual competition, he is apt to run away from it. He has not learned the joy of using his mind. He has not learned to study, because he has never had to study.

As a result, his teacher may think of him as in every way the reverse of a good pupil. You'd be surprised at the number of very bright boys and girls who flunk out of school and college. But when he skips, the bright child is challenged and begins to enjoy using his brains.

Is child bright enough?

Unfortunately, there are grave dangers in skipping. We asked 38 superior teachers of long experience to tell us their opinions about skipping. They all agreed that it often does harm, and all emphasized the need of safeguards.

First of all, the child who skips may not be up to doing the work of the higher grade. He may not be as bright as his teachers and parents think he is. Everyone's judgment is swayed by what psychologists call "the halo effect": The child who is well behaved, nice looking, polite, and enthusiastic makes his teacher think he's a good student. He almost automatically gets A's. This is all very well as long as he progresses regularly. But if he skips, he may never learn the fundamentals necessary for mastering more advanced subjects. He may become baffled and discouraged, or learn how to trade on his personality alone.

Similar results occur in the case of a student who happens to be a good reader and a good talker. Formal education is largely a matter of book learning. The pupil who reads easily and talks well is probably bright, but he may not be bright enough to learn the facts of history and the fundamental processes of arithmetic without hard work. His glibness may conceal the gaps in his knowledge until it is too late.

Danger in parental pressure

Moreover, when double promotion is the fashion, some parents insist that their children skip grades, regardless of achievement. They're unwilling to admit that any other child is in any way better than their own. Needless to say, when advancement through school becomes a measure of the family's standing in society, [*Turn to page 208*

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Ilion, N. Y.
*Kellers Firestone Store
Indian Orchard, Mass.
V. J. Dumais
Irvington, N. J.
*Red Star Pt. & Supply
Islington, Mass.
*W. L. Fisher Hdwe.
Ithaca, N. Y.
*Bishop's Wlpr. & Pt. Store
Jamaica Plain, Mass.
*Guy L. Harvey Hdwe St., Inc.
Jewett City, Ct., Griswold Sup.
Johnson City, N. Y.
*G. R. McConnell, Inc.
Johnstown, N. Y.
*Chamberlain's
Joliet, Ill...*Midwest Sup. Co.
Johnsonburg, Pa.
Roy B. Constable Stores
Joppa, Ill......Woods Hdwe.
Jefferson City, Mo.
*Milo Walz Hdwe.
Johnstown, Pa.
*Moxham Hdwe. Co.
Kalamazoo, Mich.
South Side Lbr. & Fuel Co.
Kearny, N. J.
Statewide Pt. & Wlpr.
Keene, N. H..*Spencer Hdwe.
Kennebunk, Me..*R. W. Libby
Kennebunkport, Me.
Fells Plumbing & Heating
Kenosha, Wisc.
*Jornt Bros. Hdwe.
Kingston, Pa.
Roat Hdwe. & Sup. Co.
Knoxville, Tenn.
*Schubert Lbr. Co.
Laconia, N.H. *Laconia Hdwe.
Lafayette, Ind.
*Schnaible Drug Co.
LaGrange, Ill. *Warner Pt. Co.
Industrial Tool & Hdwe.
Lake George, N. Y.
J. R. Earl & Sons
Lake Wales, Fla.
Griffin-Moore Lbr. Co.
Lake Zurich, Ill.
*Lake Zurich Hdwe.
Lambertville, Mich.
*Fish's Hdwe.
Lancaster, N. Y...Banner Lbr.
Lancaster, Pa.
*Lancaster Frprfg. & Pt. Co.
Lansing, Mich..*Shell's Pt. St.
Lapeer, Mich.
*Martinson's Pt. & Wlpr.
LaPorte City, Iowa
LaPorte City Lbr. Co.
Lavalette, N. J.
*Sea Bee Lbr. & Sup. Co.
Lawrence, Mass.
Allied Pt. Sts.
Lawrenceburg, Ind.
*E. Barrott & Son
Lebanon, Pa.
*Lebanon Hdwe. Co.
Lee, N. Y....Portner Lbr. Co.
Lena, Wisc.
E. J. St. Marie Genl. Store
Lenoir, N. C.
*W. G. Cannon Pt. Co.
Leominster, Mass.
Leominster Ind. Sup., Inc.
Roberge Hdwe. Co.
Leonia, N.J...Staehle's Pt. St.
Lewisburg, Ohio
*Bierly's Sales
Lewisburg, Pa...*Busser Sup.
Libertyville, Ill...*Liberty Pt.
Limestone, Me.
*Cyr's Dept. Store
Lincoln, Me.
Lincoln Variety Store
Little Falls, N. J.
Little Falls Pt. & Wlpr.
Little Neck, N. Y... *Dover Pt.
Littleton, N. H....Cole Hdwe.
Livingston, N. J.
Livingston Pt. & Wlpr.
Lynchburg, Va.
*D. A. Hines Co., Inc.
Lodi, N. J.
Modern Woodcrafts & Pt.
Louisville, Ky..Moseley Hdwe.
*Campbell-Summerhayes Co.
Poplar Appliances
L. C. Waters Co.
Lowell, Mass.....Cote Hdwe.
*O'Connor & Hill Hdwe. Co.
Lynbrook, N. Y.
*Waitz & Waitz Pt.&Wlpr.Co.
Lynn, Mass.....Beden Hdwe.
Lyons, Kan....Benefiel Hdwe.
Machias, Me...Machias Hdwe.
Macon, Ga..*Jarrett Pt. & Gl.
Madison, Me....*Madison Pt.
Madison, Wis...*Padgham Pt.
Magnolia, N. C...J. A. Smith
Mahanoy City, Pa.
H. J. Heiser & Co.
Maiden, N.C. *Bost Blds. Sup.
Malden, Mass.
*Sherman Supply Co.
Manchester, N. H.
*Abbotts Wlpr. & Pt. Store
Manitowoc, Wis...Bieser Lbr.
Mankato, Minn.
*Swanson's Wlpr.&Pt.Co.,Inc.
Manlius, N. Y..*H. Goodfellow
Mansfield, Mass.
*Mansfield Lbr. Co.
Mansfield, Ohio
*Schmidt Hdwe. & Toyland
Maquoketa, Iowa
Snow White Pharmacy
Margaretville, N. Y.
*Tuttle's Pt. & Wlpr. Store
Marion, Mass...*C. C. Stearns
Marissa, Ill......Lewis Hdwe.
Marlboro, Mass.
Thomas P. Hurley Const. Co.
Mars Hill, Me.
*York & Fenderson
Martinsburg, W. Va.
Frank W. Tahler Pt.&Wlpr.Co.
Martinsville, Va.
Shough Pt. & Dec. Co.
Mattapoisett, Mass.
Dennis Mahoney & Sons
Mattawamkeag, Me.
D. C. Haynes
Mattydale Shopping Ctr., N.Y.
Alexander Grant's Hdwe. Sts.
Maybee, Mich.
*Hochradel Hdwe.
Maywood, Ill..*Warner Pt. Co.
Meade, Kan.
Home Lbr. & Sup. Co.
Meadville, Pa.
Ben's Wlpr. & Pt.
Mechanicville, N. Y.
S. C. Baker & Co.
Medfield, Mass.
Medfield Lbr. & Sup. Co.
Medicine Lodge, Kan.
Benefiel Hdwe.
Medway, Mass.
*Lewis-Levine Lbr. Co., Inc.
Melbourne, Iowa.Corbett's St.
Melrose, Mass. *Melrose Sup.
Menands, N.Y.*Moore's Pt. Co.
Menominee, Mich.
F. R. Horak Genl. Store
Northern Hdwe & Sup. Co.
Miami, Fla.
*Gentry Bros. Pt. Co. of Miami
Miamisburg, Ohio
*David Beachler & Co.
Middleboro, Mass.
Williams Lbr. & Hdwe. Co.
Middleburg, N. Y.
Sullivan Hdwe.
Middlebury, Vt....A. C. Taber
Milan, Mich. *Thurlow's Hdw.
Milford, N. H...County Stores
Millburn, N. J.
Millburn Pt. & Wlpr.
Millbury, Mass.
Pierce Millbury Hdwe. Co.
Millers Falls, Mass.
*Philip Elmer
Milo, Me........*Artus Hdwe.
Milton, Vt...E. W. Miller Store
Milwaukee, Wis...*J. J. Jones
*Mohns Bros. Co.
Mineola, N.Y...*Mineola Lbr.
Mineral Point, Wisc.
*N. T. Martin Hdwe.
Mineral Ridge, Ohio
*Mullee & Mullee, Inc.
Minneapolis, Minn.
Gardner Hdwe. Co.
*The Wagner Co.
Minoa, N. Y.
H. L. Browne Hdwe.
Minocqua, Wisc.....Emerich's
Moline, Ill. *Trevor Hdw., Inc.
Monroe, Mich.
*Finzel & Scribner Hdwe.
Montclair, N. J.
*Red Star Pt. & Supply
Montpelier, Vt....*Peck Bros.
Moodus, Conn....C. Bernstein
Moosup, Conn. C. D. Salisbury
Morgantown, W. Va.
*Morgantown Pt. Co.
Mound City, Ill...Allison Furn.
Mount Blanchard, Ohio
Foster Hdwe.
Mt. Carmel, Pa.
Hodricks Appliance Center
Mt. Vernon, N. Y.
*Smith Pt. & Wlpr.
Muir, Mich.......Muir Hdwe.
Muncie, Ind...*Court Sup. Co.
Muskegon, Mich.
*G. V. Panvard Sons Inc.
Mystic, Ct...*The Wilcox Store
Nashua, N. H.
Jerry & Gene Floor Cov. Co.
Nassau, N.Y...Nassau Hdwe.
Natick, Mass.
*Simon's Wlpr. & Pt. Ctr.
Neptune, N. J.
*Corlies Ave. Pt. Store
New Albany, Ind.
Metcalfe Pt. & Wlpr. Co.
Newald, Wisc.
Garnet Tinsman's Genl. St.
Newark, N. J.
*Is. Siegel Pt. & Wlpr.
New Bedford, Mass.
Shipyard Paint Co.
New Bern, N. C...*K. R. Jones
New Bremen, Ohio
Schwieterman Drug Store
New Britain, Ct...*City Hdwe.
*Hall's Paint Store
New Brunswick, N. J.
*Middlesex Wlpr. & Pt. Co.
Newburyport, Mass.
*George's Pt. & Sup.
New Hartford, N. Y.
Leo Townsend Wlpr.-Pt. Co.
New Haven, Ct...*Merit Sup.
*The R. T. Warner Co.
New London, Ct. *R. D. Barrett
New Milford, Conn.
*New Milford Pt. & Wlpr. Co.
New Orleans, La. *Walther Pt.
Newport, R. I.........*Jaffe's
Newport News, Va.
Peninsula Paint Co.
Newton, Mass.
*Newton Corner Hdwe. & Sup.
Niagara Falls, N. Y.
Tranter & Strauss, Inc.
Norfolk, Va...*Park Hdwe. Co.
*C. A. Nash & Son
Norris City, Ill.
*Johnson's Hdwe.
Norristown, Pa.*Quinn's Pt. St.
North Adams, Mass.
Burlingame & Darbys Co., Inc.
Northampton, Mass.
*Pierce Paint Store
North Conway, N. H.
*Carroll County Hdwe.
North East, Pa.
North East Hdwe.
North Hero, Vt..I. C. Tudhope
North Olmstead, Ohio
N. Olmstead Hdwe.
No. Pembroke, Mass.
*Reed's Elephant Shop
No. Plainfield, N.J.*Farr Hdwe.
North Quincy, Mass.
Whitney's Hdwe.
Norway, Me....Norway Hdwe.
Norwich, Conn.
Jaskiewicz Paint Store
Norwood, Mass.
*Norwood Hdwe. & Sup. Co.
Oak Hill, W. Va...Roy's Loans
Oakhurst, N. J...Clark Hdwe.
Oak Park, Ill..*Warner Pt. Co.
Olean, N. Y.....*E. D. Lannon
Omaha, Nebraska
Dorway-Thorpe Co.
Orlando, Fla...*Hanes Pt. Co.
Osborne, Kan..R. Clark & Son
Oshkosh, Wisc.
*Mueller Pts. & Hdwe.
Overland, Mo.
Rock Road Hdwe.
Owatonna, Minn.
*Owatonna Gl. & Pt. Co.
Palmerton, Pa..Gruber Hdwe.
Paris, Ky.
Summerhayes Lbr. & Coal Co.
Paris, Mo......*Harris Hdwe.
Parish, N.Y..N. A. Petrie, Son
Passaic, N. J.
*Passaic Pt. & Wlpr.
Paterson, N. J.
*American Paint Service
Pattersonville, N. Y.
McDougall Coal & Lbr.
Pawtucket, R.I...*W. K. Toole
Peabody, Mass..*Allyn Hdwe.
Perry, Okla. Donaldson & Yahn
Peshtigo, Wis. G. Thomas Hdw.
Philadelphia, Pa. *F. Bergman
*David Cutler Pt. Sts. (5 Sts.)
*Falls Hdwe.
George T. Miller Hdwe. Co.
*A. W. Peters
Phillipsburg, N.J. *Leidy El.Co.
Phillipsburg, Ohio
H. B. Falknor Hdwe.
Piermont, N. Y.
*Community Hdwe.
Pikeville, Ky.
*Charles Sowards Hdwe.
Pittsburgh, Pa.
*Masterwork Paint Co.
Pittsfield, Mass. *Pittsfield Pt.
Plains, Kan.
Home Lbr. & Sup. Co.
Plymouth, N. H.
*Plymouth Furn. Co.
Point Pleasant, N. J.
Sea Coast Pt. & Varn. Corp.
Pompano, Fla. Farmer's Hdwe.
Pompton Lakes, N. J.
*Colfax Pt. & Wlpr.
Ponca City, Okla.
Baughman Lbr. Co.
Porterfield, Wisc.
Redelings Genl. Store
Port Henry, N. Y....*Bryant's
Portland, Conn.
Portland Auto & Home Sup.
Portland, Me...*Dryco Hdwe.
Portsmouth, N.H..*F. A. Gray
Portsmouth, Va.
*Standard Hdwe. Co.
Potsdam, N. Y...W. J. Kearns
Presque Isle, Me.
*E. E. Coffin & Son
Protection, Kan.
*Home Lbr. & Sup. Co.
Providence, R.I...*Morrison's
*Community Hdwe. Co.
Queens Village, N. Y.
*Domestic Paint Co.
Quincy, Mass.
*Granite City Hdwe. Co.
Raleigh, N. C...*Henry D. Hill
Randolph, Vt.
J. H. Lamson & Son
Racine, Wisc.
*Racine Pt. & Wlpr. Co.
Red Bank, N. J.
*Rossi Pt. & Wlpr. Supply
Revere, Mass.
Revere Hdwe. Supply Co.
Richmond, Va..Purdy & Lewis
*Throckmorton & Booth
Ridgefield Park, N. J.
Ridgefield Park Pt. & Wlpr.
Ridgewood, N. J...*Paint Pot
Roanoke, Va.
*Thurman & Boone
Roanoke Rapids, N. C.
*Lloyd's Hdwe. Co.
Rochester, N. H....*E. C. Foss
Rochester, N. Y....G. Nuijens
*Beardsley Glass Co.
*Cliff Hdwe. & Heating, Inc.
*Cowan's Hdwe.
R. J. Lechner Hdwe.
*Monroe Hdwe. & Paint Co.
*Ridgecrest Hdwe. Corp.
*Shabiro Hdwe. (2 Stores)
*Herb Taft Lumber Co.
*Westridge Hdwe.
Rochester, Vt.
W. H. Campbell & Co., Inc.
Rockford, Ill.
*S. A. Lawson Paint Co.
Rockland, Mass.
*Rome Bros. Hdwe.
Rockville Ctr., N. Y.
*Holbro Paint Co.
Rocky Mount, N. C.
*J. S. Gorham Hdwe. Co., Inc.
Roslindale, Mass.
Roslindale Hdwe. Corp.
Roslyn Heights, N. Y.
*Roslyn Heights Home
& Auto Supply Co.
Roxanna, Ill...Roxanna Hdwe.
Roxbury, Mass.
W. Bowman Cutter Co.
*Glazer Hdwe. Co.
Rutherford, N. J.
Rutherford Pt. & Wlpr.
Rutland, Vt....*Norton Pt. Co.
St. Albans, N. Y.
*John C. Schultze
Sweeny Hdwe.
St. Johnsbury, Vt.
Check-R-Board Feed Store
St. Johnsville, N. Y.
Christiance Appliance Co.
St. Louis, Mich.
*Noelting's Pt. & Wlpr.
St. Louis, Mo..*Drennon Hdw.
*Morgan Paint Co.
St. Petersburg, Fla.
*Pinellas Lumber Co.
Salamanca, N. Y.
McMillen Builders Supply
Salem, N. H.
Salem Hdwe. & Pt. Co.
Salisbury, Md.
Del-Mar-Var Hdwe. Corp.
Sandy Creek, N.Y...A. H. Wart
Saranac Lake, N. Y.
Newman & Holmes, Inc.
Sarasota, Fla.
*Ernest Sears Drive-In Ser.
Saugerties, N.Y. D.Lamb's Son
Schenectady, N. Y.
*Mohawk Pt. & Gl.
Scotland Neck, N. C.
*Edwin M. King & Co.
Scranton, Pa....Spruks Bros.
McDermott Paint Co.
*North End Lbr. Co.
Seat Pleasant, Md.
*F. L. Watkins Co., Inc.
Seymour, Ind.
*Stewart's Appliance St.
Sheffield, Pa.
McMillen Blds. Sup.
Sherrill, N. Y..*Sherrill Hdwe.
Shirley, Mass. Lambert Hdwe.
Silver Springs, N. Y.
Rogers Hdwe. & Bldrs. Sup.
Souderton, Pa.
*Crouthamel Bros.
South Bend, Ind.
*The I. W. Lower Co.
South Charleston, W. Va.
*Apex Pt. & Gl. Co.
South Hero, Vt.
Robinson Hdwe.
So. Norwalk, Conn.
*Somers & Somers, Inc.
Sparta, Ill. *McIntyre Lbr. Co.
Springfield, Mass.
*Carpenter & Webber, Inc.
*Springfield Wlpr. & Pt. Co.
Springfield, Ohio
*P. T. Rathbun & Son
Springfield, Vt...Stern Hdwe.
Spring Lake, N. J.
James Ahern & Sons
Stanfordville, N.Y., E.H.Devine
Staten Island, N. Y.
*Meier's Corners Dept. St.
Steubenville, Ohio
Mutton's Hdwe.
Stevens Point, Wisc.
Frank's Hdwe.
Stoneham, Mass. *Bell Hdwe.
Stonington, Ct.....*Union St.
Stoughton, Mass.
*Colonial Hdwe. Co.
Stratford, Conn.
Anderson Hdwe. Co.
Summit, N. J.
Summit Gl. & Pic. Fr. Co.
Sunapee, N. H. Sweeny's, Inc.
Suring, Wisc.
Anderson's Genl. Store
Swanton, Vt...Hall Hdwe. Co.
Sylvan Beach, N. Y.
*Koster Bldg. Supplies
Sylvania, Ohio
Hinckley's Paint Store
Syosset, N. Y.
Lumberman's Whslg Corp.
Syracuse, N. Y..Frank Glielmi
Calley's United Appliances
*Alexander Grant's Hdwe. Sts.
(2 Stores)
*Lukas Bros.
*Onondaga Wlpr. & Pt.
Pastuf Hdwe. Co.
*Richard's Plbg. Htg. &
Appliances, Inc.
Tampa, Fla...*Tanner Pt. Co.
Tarentum, Pa.
*Tarentum Hdwe. Co.
Taunton, Mass.
*Taunton Hdw. & Plbg. Sup.
Teaneck, N. J.......Bryant's
Thomaston, Conn.
George Shearer & Sons
Thomaston, Ga.
Kingston Lbr. Co.
Thompsonville, Conn.
Casinghino Wlpr. & Pts.
Toledo, Ohio....Hoover Hdw.
*F. G. Gempel & Son Hdwe.
Horn Hdwe. Co.
Kaczmarek & Co. Hdwe. Furn.
Mau Hdwe.
Mulberry Hdwe.
Nowak Hdwe.
*Schaiberger's Hdwe.
E. Szakovitz Paints-Hdwe.
*Urbanski Hdwe. & Furn.
*The M. I. Wilcox Co.
Toms River, N. J.
Colonial Wlpr. & Pt. Co.
Torrington, Conn.
*Farley's Paint Store
Trenton, N. J...*Benson's Pts.
Olden Wlpr. & Pt.
Troy, N. Y.
Charles Collins & Sons
Union City, N. J.
Summit Pt. & Wlpr.
Union City, Pa.......Mullen's
Upper Darby, Pa.... *J. Knox
Utica, N. Y.
*The Mohawk Wlpr. & Pt. Co.
Valley Plaza Shpng Ctr, N. Y.
Alexander Grant's Hdwe. Sts.
Van Buren, Me.....*Gagnon's
Venice, Fla.
Venice Enterprises, Inc.
Vergennes, Vt..Adams Hdwe.
Vernon, N. Y.
Van Valkenburg Hdwe.
Waban, Mass.
Guy L. Harvey Hdwe. Sts., Inc.
Wakefield, Mass.
George H. Taylor Hdwe.
Waltham, Mass...*Newall Co.
Warrensburg, Mo.
Cassingham & Son
Washburn, Me...*O. K. Story
Washington, D. C.
*Fries, Beall & Sharp
F. L. Watkins Co., Inc.
Waterbury, Conn.
*Brass City Lbr. Co.
Waterbury, Vt.
Modern Pharmacy
Waterloo, Iowa.People's Hdw.
*Iowa Gl. & Pt. Co.
Watertown, N. Y.
*Black River Paper Co.
Waterville, Ohio
*Home Decorating Shop
Waukegan, Ill.
*Grand Avenue Lbr.
Waukon, Iowa
Peterson Bros. Hdwe.
Wauseon, Ohio
*Saunders Supply Co.
Waverly, Iowa *Farmer's Exch.
Webster, Mass.
*A. Cazeault & Co.
Welch, W. Va.
*Welch Hdwe. & Furn. Co.
Wellesley, Mass. Dauber Shop
Wellsville, N. Y..*Carter Hdw.
Westbury, N. Y.
Williamson Pt. & Wlpr. Co.
W. Columbia, S. C.
*Carolina Paint Co.
Westerly, R. I.
C. W. Willard Hdwe. Co.
West Hartford, Conn.
Quaker Hdwe. Co.
West Haven, Conn.
*Warner's Hdwe. Store
West Ishpeming, Mich.
Kallatsa's Market
W. Medford, Mass.
*Pearl Hdwe.
Westminster, Md.
*Eckard Bros.
West Palm Beach, Fla.
*Gentry Bros.Pt.& Gl.Co.,Inc.
Westport, N. Y.
Adams & Adams
W. Roxbury, Mass.
*Magnet Hdwe. Co.
Westvale Shopping Ctr., N. Y.
Alexander Grant's Hdwe. Sts.
Westville, N. J.
*Westville Hdwe.
Wethersfield, Conn.
Yankee Store
Weymouth Heights, Mass.
*Holmes Hdwe.
Weymouth Landing, Mass.
*Raymond's Pt. & Pr. St.
Whallonsburg, N. Y.
Daniel Walker
Wheeling, Ill.
*Geest & Wheeling Cl. & Lbr.
Whitman, Mass.
*The Hamiltons
Wichita, Kan. *Breese Hdwe.
Neal Hdwe.
*Oliver & Breese Hdwe.
*United Sash & Door
Wilkes-Barre, Pa.
*Tracey Paint Center
Williamson, W. Va.
Supplies, Inc.
Williamsport, Pa.
Dickey-Grugan Hdwe. Co.
Willoughby, Ohio
*F. M. Williams Hdwe.
Willow Grove, Pa.
David Cutler Paint Stores
Wilmington, Del.
*G. C. Pt. & Hdwe. Co.
Wilmington, N. C.
*Regency Pt. & Dec. Co.
Wilton Junction, Iowa
*D. V. Smull Hdwe.
Winchendon, Mass. *H. Gilmore
Winchester, Mass..Fells Hdw.
Winchester, Va.
Packard Wlpr. & Pt. Co.
Windham, N. Y...C. R. Tibbals
Windsor Locks, Conn.
D. F. LaRussa
Winsted, Ct. .... *Carnell Co.
Winston-Salem, N. C.
*John Miller Co.
Woodridge, N. Y.
Mountain Pt. & Wlpr.
Wood River, Ill..Meyers Hdwe.
Woodville, Ohio
*H. W. Busdiecker
Woonsocket, R. I.
*P. A. Mulvey Co.
Worcester, Mass.
*Henry's Pt.-Wlpr.-Hdwe.
*Rehn-Toppin Pt. Co.
Wyoming, Iowa
*Wyoming Drug & Jewelry
York, Pa.....John S. Thoman
Youngstown, Ohio
*Mullee, Inc.*Carson Bros.

*indicates stores with Kyanize "Color Counselor" Chip Rack as shown on opposite page.

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Chicago, New York

Should we allow children to skip grades?

Begins on page 204

the pressure on students increases.

You can guard against mistaken opinions about a child's intelligence and achievements by being sure that he has been given standardized tests of intelligence and achievement. Luckily, such tests are now routine in most school systems. And though a child may not always do himself justice on such a test, very few do better than they should. In other words, a relatively high score is a good indication of brightness though a low score does not necessarily prove dullness.

If you or the school authorities have any doubt about the test result, you should consult a qualified psychologist. The principal of the school should be able to recommend one, or you can write to the Psychological Corporation, 522 Fifth Avenue, New York, New York.

In general, a boy or girl who is in the grade which is normal for his age and who expects to go to one of the better colleges should have an I.Q. well over 120 even to consider skipping. Experience has shown that most college freshmen who will be 18 or older during the first year need an I.Q. of 120 to do successful work. Those who will be younger need to be brighter.

In general, any child who skips should have, in each subject, an achievement-test score that is above the average of the grade into which he skips. It's not enough to be just average, because the extra experience of the older children may make the competition too strenuous. (A child should be challenged to do his intellectual best, but he shouldn't have to become a grind in order to keep up.)

It's not enough to be superior in just one or two subjects. When this is the case, the skipper tends to concentrate on the subjects in which he is good, in order to earn recognition. In the meantime, he may fall hopelessly behind in the subjects in which he is only average or less. The individual who is a good reader but not good at mathematics is the one who suffers most frequently.

Child's personality important

If intelligence and achievement were the only criteria for skipping, educators and psychologists would feel very sure of being able to advise you correctly. A far more serious problem is the kind of emotional and social adjustment the skipper will make when he is thrown with children who are considerably older than he. It is notable that our 38 teachers stress the problems of emotional and social adjustment far more than they do academic problems. Here are some typical reports:

"One boy of outstanding reading ability reached my sixth grade just before he was 9 years old. His weak foundation in arithmetic made him hate the subject. He was immature and was maladjusted in sports. He developed personality quirks because he felt he did not belong. The older boys called him 'Baby,' and he was never chosen in their activities. He became withdrawn, tense, and supersensitive. His coordination was poor, and he just couldn't compete."

"Phyllis was promoted from fourth to sixth. She resents correction and does not fit into the group."

"I have a boy in my sixth grade way below age. He has a difficult time getting along with others. He is unhappy because of his own immaturity and smaller size. He is unable to control himself and conform to the group."

"I myself got through high school at 16. I must have been the class baby in college—in many ways much too immature."

The teachers reinforce their arguments against skipping by accounts of the good adjustment of bright children who have stayed with their own age group, such as:

"Jack has a high I.Q. (168). He's never skipped because his parents did not approve. He is unassuming, happy, and looked up to by the group. He is far above average in all school subjects; is wonderful in art and music. He is fair in sports. He is an avid reader. He has a photographic memory. He likes to help others and never attempts to take the slightest bit of credit for it. The children respect his opinions and often choose him to represent the group. He is happy in this group."

"The bright child who doesn't skip has the feeling of being 'good,' a leader. It's nice to be at the top."

Some skippers doubt advantages

On the other hand, Terman thinks it easy to overestimate the skipper's difficulties in making an adjustment. Among the bright individuals he is following, more than 50 percent of those who had skipped told him they thought there were only *disadvantages* in skipping, but their actual success in life has generally been greater than that of those who did not skip. Apparently, the difficulties of adjustment are not permanent.

One teacher, who in general disapproves of skipping, gives an account of her own experience:

"I skipped two grades at different times in elementary school. I felt left out in things like sports, dancing, boys. Not until I was a junior in high school did my interests parallel the older children's. But in classroom competition, I was perfectly happy."

Sometimes the child who skips makes an immediate adjustment—in fact, seems better adjusted with the older group than with the younger. For example:

"Margaret was skipped a year into the junior-high-school group.

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She is extremely mature socially and physically for her age, with an unusually good background that provided her with many advantages of travel, and so forth. Now, among friends one year older than she, she fits in beautifully in every way. On the verge of being a bit bored, her renewed interest is noticeable. Her academic work is superior, and her behavior is steady for her age."

To help you decide

If you are sure your child is bright enough and sufficiently advanced in his work to skip, how can you tell if he will make a reasonably quick, secure adjustment? There is, alas, no clear-cut answer to this question, but there are some guides.

Physical size and maturity are important. The bigger a youngster is, the better chance he has of holding his own with older boys and girls. Early puberty is also favorable. In fact, the boy whose voice changes early and the girls whose breasts are more developed than her contemporaries' may be happier with children who are older but in the same physiological stage. Remember that most girls develop faster than boys. It's worthy of note that many of our examples of good adjustment after skipping are cases of girls. But when either girls or boys are undersize and physically immature in relation to their own age groups, it's best to be extra cautious about skipping.

The character traits of the potential skipper need careful study. Traits unfavorable to skipping are excessive timidity, slow recovery from disappointments, or a tendency to solitariness. Children with these traits need all the encouragement you can give them. They're not ready to compete with those who are older and bolder.

But there are some children who learn early how to get along cheerfully with older boys and girls. They stand up for themselves and hold their own in arguments, if not in fights. They know their own minds and are persistent in working for what they want. They are foresighted about avoiding needless conflict. They are quick to see what they can contribute to a group, but not insistent on holding the limelight. Very often they have made a vocational choice and, being bright, are able to see how skipping might benefit them. They are self-confident, or at least courageous, in new situations.

Can your child "take it"?

There is no test of social maturity that is nearly as good as your own careful observation. Watch how your child behaves with his older brothers and sisters, and with older children in the neighborhood. Watch how they treat him. Do they accept him as a companion, or do they complain that he's always tagging along? How does the child react when he has to do something that might make him apprehensive, such as starting off on a trip alone? Does he plan well? Does he "keep his chin up"? Does he recover quickly from excite-

[*Turn to next page*

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Of course you brush your teeth regularly . . .

ARE YOU NEGLECTING THE OTHER IMPORTANT 1/2 OF GOOD MOUTHCARE?

DOES THIS FACT STARTLE YOU?

More teeth are lost because of gum disorders—after about age 35—than from decay and all other causes combined. (From an authoritative dental study of 40,000 men and women.)

Of course regular dental attention is the best insurance, against gum troubles, but you can help keep mouth tissues in a clean and more resistant condition.

You cannot brush these delicate tissues, but one mouthful of Lavoris vigorously swished and gargled breaks up, flushes out, *actually removes* the mucus coating and fermenting debris, the "bed"—where germs thrive and where many gum troubles are born.

Don't wait until your gums give trouble. Start the Lavoris Habit now and know the benefits of completed mouth care. It's so easy to do.

COMPLETE YOUR MOUTH CARE *with*

LAVORIS

Mouthwash and Gargle

Does a Thorough Job so Pleasantly

Should we allow children to skip grades?

Continued from preceding page

ment? How does he feel about skipping?

Finally, consider the make-up of the class your youngster is now in and of the class into which he may skip. Almost every class has a spread of three or more years in ages. Often it happens that a lower grade has almost as many children of a given age as the one above it. Skipping into a comparatively young group may work little hardship. One of the great advantages of the Ford Foundation experiment is that these 16-year-olders will enter college with a large group their own age. They will not be class babies.

General speed-up may be solution

Whatever your immediate problem and your immediate decision, you should, as a citizen, take an interest in the way the problem of age-grade grouping works out in the next few years. It may well be that the solution lies not in more skipping, but in a general speeding up of the processes of elementary and secondary education, so that all qualified students will enter college at 16. Boards of education, P.T.A. groups, and parents in general should be considering the possibilities.

You helped plan a Five Star Home

Begins on page 37

But Five Star Home 2309 is not entirely the product of these eight men and women. *Better Homes & Gardens* has always kept close touch with readers—through down-to-earth research and personal contact by the people who write to us. Editors who visit homes we publish have the chance to sit down with the owners and find out what prompted each feature of the house, what compromises were made, what changes they would make if building again.

Every three months, we run a test on current home-building ideas—taking them straight to a meaningful part of our audience. We get this reaction before the article in question reaches your home—and we're not too proud to make a change.

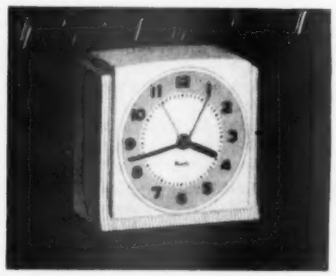
Too, we ask questions after an issue is out. Our research tells us what articles were of the most help and interest to you, and these findings are used to plan future material. The sale of Five Star home plans has always been taken as further evidence of what you want in a house.

And there are many other techniques—too numerous to mention here. But all of them, together with the thoughts expressed by our panel members, lead to one happy conclusion—Five Star No. 2309 is truly the house you asked for.

Westclox makes them as you like them

Some like them spring-driven

Some like them electric



Most like them both

These two dandy little alarm clocks typify the story of Westclox. Baby Ben Spring-Driven Alarm (top) has a quiet tick and a steady call, adjustable to loud or soft. He costs $5.95. With luminous dial, $6.95. Bantam Electric Alarm is only 3½" high, with pleasant-toned bell alarm. He costs $3.95. With luminous dial, $4.95. Both are the same size, do the same things. How to make a choice? Well, you can just plug in Bantam and forget him. He's accurate, free from care. On the other hand, Baby Ben has his own built-in power plant, which you control. You can carry him around the house or on a trip. You can take your choice of either clock or both . . . and it will be a happy choice. Of course, most families have a need for *both* electric and spring-driven clocks. Which is why Westclox makes 'em as you like them!

Prices do not include tax and are subject to change

WESTCLOX

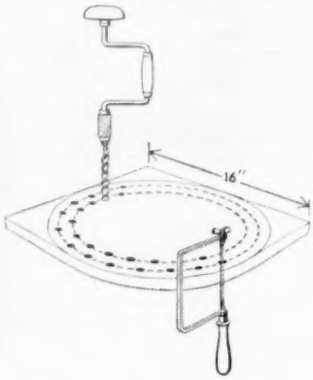
Made by the makers of Big Ben
La Salle-Peru, Illinois

PRODUCTS OF GT GENERAL TIME CORPORATION

How to make your

Rancho birthday-cake board

See the cake on page 89



It's easy to make a cake board just like the one used at Kenyon Ranch. Cut a 16-inch circle from ¾-inch plywood. Round off edges and sand till smooth. Drill eleven ½-inch holes for the candles, making the first row 1 inch from edge of the board. Add the second row of holes 2 inches from edge, positioning them so they are between the outside holes.

Now give your cake board two coats of enamel. It's ready for your next birthday or anniversary party.

If you wish you can change the size of the board and the number of holes for candles. Our board has space in front without candles for arranging the small cowboy figures. You may like to make holes for candles all around; then candles can glow for all from 5 to 50.

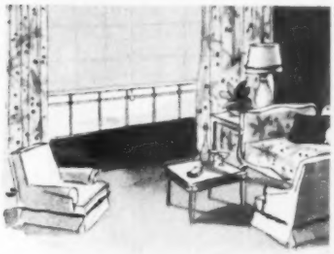
You should know . . .

when your subscription to *Better Homes & Gardens* is due to expire. For, to insure against missing even a single issue, you ought to renew at least two months before the date of expiration.

And it's easy to determine what that date is. Just look at the address label stamped on the cover of one of your copies. If the numbers at the end of the first line read "11-53," for example, the last issue we can mail under your present subscription will be November, 1953.

To renew, just mail your payment of $3 for 1 year, $5 for 2 years, or $7 for 3 years, along with a clipping of your address label, to *Better Homes & Gardens*, Des Moines 3, Iowa.

"Cloth window shades protect fine furnishings from sunburn" says **Marion Heuer,** member of the American Institute of Decorators, famous for distinctive residential interiors.



With smart and style-wise Joanna Western Cloth Window Shades you stop bright sunlight streaming through your picture window all year 'round. Sunlight robs your draperies, rugs and fine furnishings of their color . . . leaves them dull and lifeless. Joanna Western Cloth Window Shades stop damaging sunburn, yet allow soft daylight through for delightful living.

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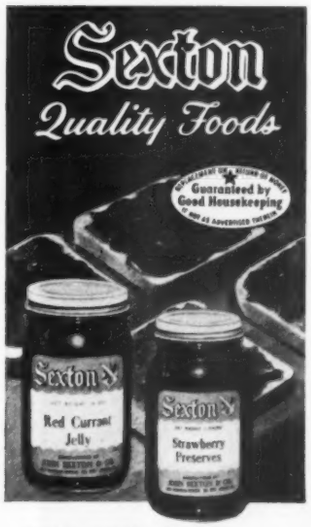

IT'S A REAL JOY

to open a jar of Sexton preserves or jelly and find the secret of their home made goodness is the way we cook the finest fruits: in *small batches,* and *extra slowly.* Preserves and jellies are the pride of Sexton Sunshine Kitchens.

John Sexton & Co., Sexton Square, Chicago, Ill.

Family problem:

What's your solution?

See page 16

What's right

Miss Monroe's approach is sound. Without disclosing Peter's exact I.Q., she reassures Mrs. Sayler that he is intelligent and capable. While intelligence tests can give an approximate measure of a youngster's mental development, they should not be treated rigidly. Moods, tension, or a touch of illness may distort test results.

Knowing that your child has a high I.Q. can place a burden on both parents and child, as Miss Monroe seems aware. She cautions Mrs. Sayler not to worry about Peter, because his general level of performance is satisfactory.

The Saylers merit praise for an active interest in Peter's progress at school. Children need to know their parents care about what they are doing.

What's wrong

Instead of following Miss Monroe's advice, the Sayiers are over-anxious about his intelligence, pushing him harder in mental achievement while slighting his equally important social development. A boy needs to feel he can "make the grade" in the scouts and sports as well as in school.

The lower marks on Peter's report card suggest that his parents' demands made him too tense and anxious, so that he was unable to produce, or that he began to fear unconsciously that his parents were more interested in his brain than in Peter as a person.

Being a well-adjusted person is more important for happy, successful living than merely being a person with a superior intellect. Many persons are unable to use their natural mental abilities to the fullest because their social and emotional capacities were not developed along with their minds. Peter will be able to capitalize on his native good intelligence if his parents can make him feel that they take pride in all his achievements and are interested in all aspects of his life.

Peter, like all other children, needs to feel that his parents will love him and back him up when he fails, as well as whenever he succeeds.

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New low-cost all-season home comfort . . .

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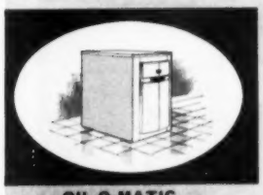

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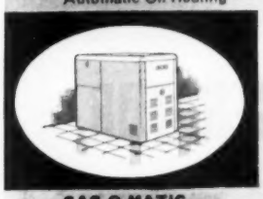
Automatic Oil Heating



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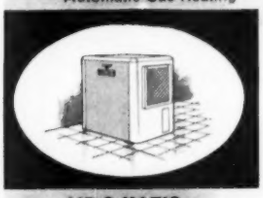

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NO MATTER WHERE YOU LIVE, you're not really "living" unless you have complete home comfort all year 'round. That means *automatic* relief from troublesome temperatures, in every season: wonderful, even warmth all winter . . . blessed, breezy coolness during sultry summer months. That's what you deserve today . . . and that's what you can have at low, low cost with Eureka Williams complete home heating and cooling equipment. Engineered for your comfort after 30 years of specialized experience.

IF YOU BURN OIL . . . Williams Oil-O-Matic with EXCLUSIVE METERED LOW PRESSURE, can save you up to 40% on your home heating costs, give you the finest in worry-free automatic home heating.

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WHEN TEMPERATURE SOARS . . . Williams Air-O-Matic brings mountain-cool, forest-fresh comfort to your entire home. In combination with either Oil-O-Matic or Gas-O-Matic, your Williams Air-O-Matic brings year 'round home comfort . . . automatically . . . quietly . . . economically.

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Forget defrosting forever! This beautiful Norge remembers to defrost *for* you . . . does it so fast that even ice cream stays brick-solid in the full-width freezer chest. And because the big freezer compartment is *all aluminum* and *fully enclosed*, there's less frost, quicker freezing, and less chance of exchanging food flavors.

Storage to suit you! As-you-like-it arrangements are easy in this new Norge. Shelves move up, down, in or out. There's a full-width Crisper, roast-deep Meat Saver, space for a case of tall bottles. *Extra* room in the door for eggs, fruits, bottles . . . plus a 4-temperature Butter Bank. Model 1116—mate for the Norge Freezer shown on the opposite page—$399.95. Other models as low as $199.95.

BW

NORGE

The value-line of home appliances

Merchandise Mart, Chicago 54 • Addison Industries, Toronto

Architect: Lorenzo S. Young

Television is set into closet that backs this room. It rests on a shelf attached to closet wall. Below is a slide-out record-player and record storage. The Reed Brinton home in Salt Lake City, Utah

Why not build in your television?

Architect: Robert Kleigman, A.I.A.

Table-model TV becomes part of a built-in by planning the bookcases around the set. The speaker for TV and radio-record-player is below, behind chair. Ventilation is at back, as this is an outside wall. For unity, TV, storage, and radio knobs are of same design

Architect: Dan Palmer, A.I.A.

A variety of home entertainment is built into a simple low cabinet attached to the wall. The speaker is in wall, above. Ventilation in this case is provided in top of cabinet directly above TV screen

Here's a portfolio of handsome ways to build in a television set. Some of the units are elaborate—either the homeowner bought the parts and assembled his own receiver, or he had the job done by experts. But others are simply conventional TV sets that have been built in. Before you start setting your TV into bookcases or walls, heed a note of warning. Ventilation is important to prevent fire. If in doubt, play it safe and consult an expert.

Architect: Robert Faxon, A.I.A.

This is an elaborate installation with the controls set into the coffee table in foreground. The architect solved venting problem by building a shed (for garden tools, too) on outside of house

More on next page

Keeps whole meals handy until you want them!

NORGE *KITCHEN UPRIGHT* FREEZER

Handy as a pantry! A really *roomy* freezer that fits right in your kitchen. And it matches the Norge Refrigerator shown opposite to complete your Food-Saver Team. Frozen foods, even *complete meals* ready to heat and eat . . . now they're just steps away from your dinner table! No juggling, no doubling over to find things. Twin roll-out baskets and removable 5-position Adjust-A-Shelf accommodate any size package.

Freezes foods fast! Norge's unique Jet-Freeze Shelves give you ample freezing capacity . . . *both* sides are quick-freezing surfaces. And their open design keeps temperatures uniform *everywhere* in the freezer. Eye-level thermostat automatically holds temperature you want . . .down to *52° below freezing*. Model 1125, illustrated, with 5-Year Warranty on both mechanism and foods—$429.95. Other models from $349.95.

The value-line of home appliances—

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A Living American Furniture Style!

Rooted deep in our national thought and culture, Stickley Cherry fits naturally into the spirit and variety of today's homes... from the ranch house to the 18th Century mansion.

As native to the American scene as the salt-box cottage and the step-back skyscraper, Stickley Cherry brings to full flower a living furniture style *for today's typically American homes.* It has a mature, lasting beauty . . . a simplicity based on our own artistic traditions, and on unchanging principles of design that reach back to the Old World beginnings of our national culture.

Representing enduring values of harmony and fitness . . . as selected by generations of families of good taste, and skillfully modified to today's needs by Leopold Stickley . . . it lends an air of quiet assurance and simple elegance to any setting, modern or traditional.

Gracious and friendly for informal living, the horizontal lines and mellow-toned wood of these new Stickley designs harmonize with today's architectural emphasis and bold decorative colors:

Trestle Table No. 6050 Chairs No. 56 & 56½
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Ask for Stickley Furniture Dressing, used to produce the famed Stickley finish. At your dealer's. Or send $1.50 for regular sized can.

Why not build in

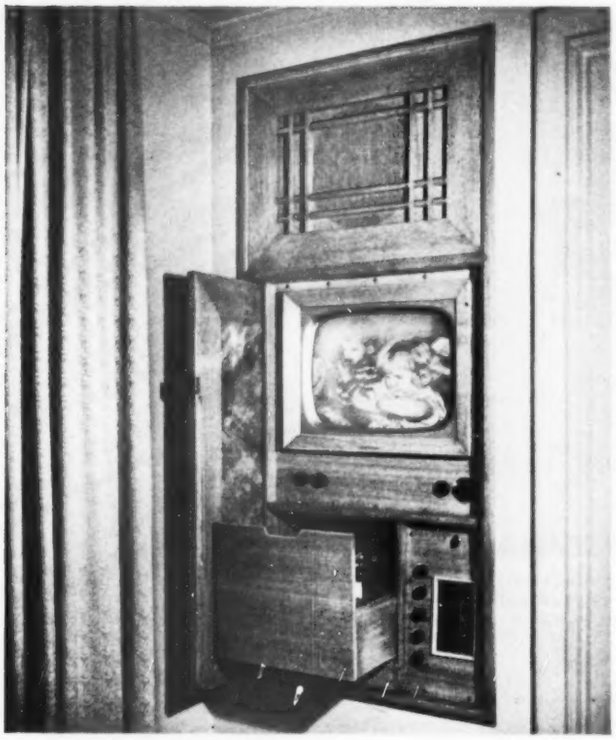
Commercial-model console television is built into a "box." The box is on casters so the TV can be easily moved to any position on this enclosed porch for comfortable viewing. When viewers decide to turn to conversation, TV rolls back into storage cabinet

Designer: Alfred Leonard

With the television behind closed doors, you'd never guess it's part of the built-in along this wall of a glassed-in porch. TV is in center section. Doors open out and slide back in the area between the box and the TV cabinet, giving a clear view of the screen (see above)

your television?

Begins on page 212



Borrow space from an adjoining room for a behind-a-door TV-radio-record-player combination. When closed, the door is a decorative panel framed in natural mahogany. The flush door makes clean wall line, simplifying furniture arrangement in living room

de Gennaro, Cleveland, Shulman

Here's the way the unit above looks all closed up. When you build in, consider the height and angle of your installation. Place it at a height which will make for comfortable viewing from your seating space. Avoid light reflections on the face of the set's picture tube

More on next page

fluid heat fuel economy paid for this

The money our Fluid Heat oil burner saves us pays for some of the things I've always wanted. For example, savings in one heating season paid for this electric mixer.

This economy is no accident. It's the result of Fluid Heat's 30 years of research and manufacturing experience in producing the finest automatic heating equipment. For instance, the Fluid Heat wall-flame Rotary Burner is designed for today's small homes. Only one moving part assures longer life and quieter operation. Its dependable motor uses less electricity than a small light bulb.

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Heatform is a double-walled metal unit. Its heating chambers capture and circulate to all parts of the room and even into adjoining rooms heat lost up the chimney by the old-fashioned fireplace.

Heatform prevents construction mistakes which cause smoke trouble, because it is a perfect guide (hearth to flue) around which anyone can build the masonry to complete a fireplace of any design.

A Heatform fireplace costs but little more. The unit consists of the firebox, throat, smoke dome, and damper, replacing materials and some labor necessary in the construction of the ordinary fireplace

The above fireplace is built around Model "A" unit (at right). Side cool-air inlets and warm-air outlets were used. For greater heating efficiency and economy of installation, front warm-air outlet may be used.

The above modern corner fireplace built around Model "S" (at right) affords view of fire from front and either side. If you prefer view of fire from front and both sides, use Model "M"

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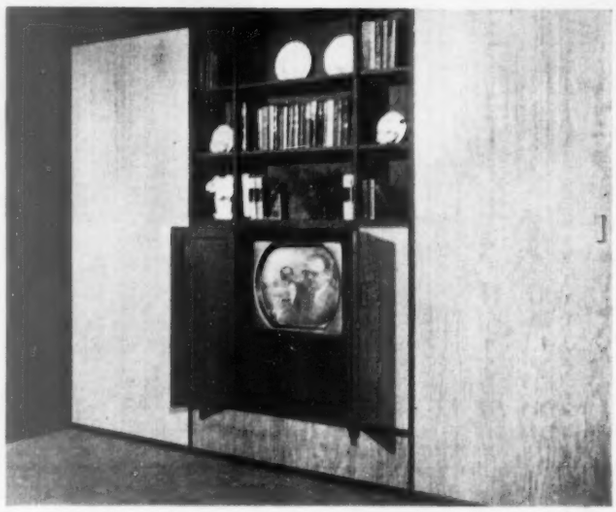
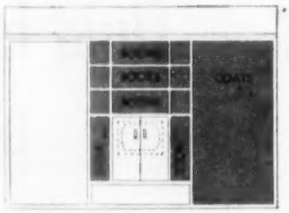
Why not build in your television?

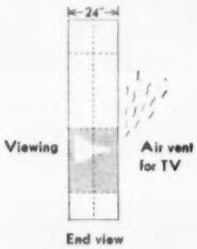
Continued from preceding page



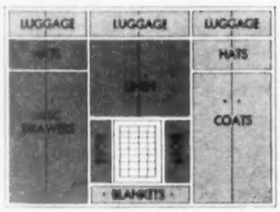
This TV is built in, utilizing the entire 24-inch depth of the storage wall. A coat closet, at right, uses half depth as do the bookshelves above TV set. This permits storage in room on other side

Living-room side





Bedroom side

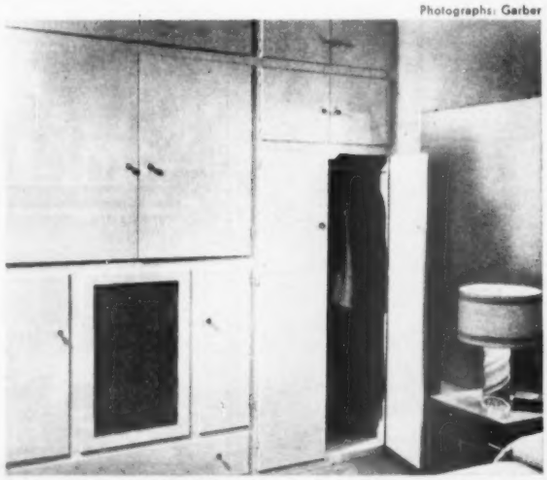


This wall, built to house a TV set, serves many other storage purposes as well.

The light gray indicates the full-depth storage. The dark gray denotes the half-depth storage (used on both sides).

For view of bedroom side of wall, see photograph below.

Photographs: Garber



There is a vented door on the bedroom side for heat to escape. At the top of this side is full-depth storage for suitcases. Under vent is a full-depth blanket drawer. The Carl Gahagan home

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Which to use—

Knife, fork, fingers?

By Barbara Peterson

When you're eating an unpeeled banana, do you—

A peel down the skin gradually and eat it bite by bite?
B peel the skin off, lay fruit on plate, slice it and eat it with a fork?
C peel skin, break fruit in pieces, eat with fingers?

Answer: It all depends on your surroundings. If you're in the best dining room of the Hotel Ritz, you'll probably feel better if you choose "B." But if it's lunch in the kitchen with the family, "A" is acceptable, although "C" is preferable unless you're on a picnic.

When you're confronted with an orange, do you—

A quarter peel with fruit knife, pull peel down, and eat sections with your fingers?
B slice ends flat, cut peel off in vertical strips, then cut orange and eat with knife and fork?
C cut unpeeled orange in eighths, remove seeds with knife, eat pieces, holding peel with your fingers?
D peel skin off with knife in one long spiral and eat sections with your fingers?

Answer: Again, they're all right. You'll find that "B" or "C" is best for a thin-skinned juicy orange. "B" would be best for a more formal occasion.

If pineapple is served unpared in small wedges on a plate, do you—

A pick up pieces with your fingers and nibble fruit from the rind?
B sugar it and eat with a spoon?
C pare it with a fruit knife and eat pieces with fork?

Answer: "A" is correct, unless wedges are larger than two-bite size. If they are larger, "C" is better.

How to eat an apple or pear

A Hold it in your hand and eat around the core?
B Quarter with a knife, cut core away from each quarter, and eat with fingers?
C Pare with knife and eat with knife and fork?

Answer: "B" is correct. If you want to pare it, cut the skin off a quarter at a time. Reserve "A" for picnics and snacks.

You've been served a bunch of grapes. Do you—

A dig out the seeds with the point of a fruit knife and then put the whole grape [*Turn to next page*

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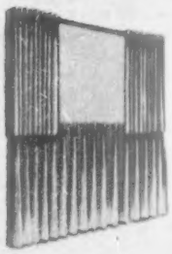
SMART TWO-TIER WITH KIRSCH TRAVERSE



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For any item of drapery hardware, "Depend on Kirsch!"

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DRAPERY HARDWARE

Knife, fork, fingers?

Begins on preceding page

in your mouth with your fingers?
B put a whole grape in your mouth with your fingers and remove seeds and skin with your hand?
C hold bunch of grapes in your hand, bite off grape, and remove seeds in cupped hand?
D hold grape with stem end between your lips and pop pulp into your mouth?
E put grape in mouth with fingers. Remove seeds in hand?

Answer: They're all correct except "C." "B" and "D" are for Concord grapes because they have rather tough skins. "A" and "E" are for most other kinds of grapes.

How do you remove orange and grapefruit seeds from your mouth?

A Spit them out?
B Remove them in your cupped hand?
C Remove them with a spoon?

Answer: If you're eating with a spoon, "C" is correct. But if you're eating fresh fruit with your fingers or a fork, "B" is the right answer.

How do you take a pit from your mouth? Do you—

A hold your napkin in front of your face and use your fingers?
B spit it out?
C remove it with thumb and first two fingers?

Answer: "C" is correct, if you keep your thumb well underneath and fingers across—not pointing into—your mouth. But if you're eating stewed fruit, remove pits with your spoon.

How do you eat fresh cherries?

Answer: You hold each one by the stem, and eat whole, all in one bite. Remove seed in your hand.

How do you eat fresh plums or apricots?

Answer: If juicy, first cut with knife. Hold fruit in your fingers and eat close to the pit. But no nibbling! Then lay pit down.

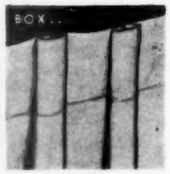
You're served a fresh peach. Do you—

A break it in half, eat it with your fingers, and wipe your hands on a napkin?
B eat pulp and skin from the pit, holding the whole peach in your fingers?
C peel it whole and eat with knife and fork?

Answer: They're correct except "B." If it's a freestone peach or a nectarine, "A" is all right, provided the napkin you use is paper—peach juice stains table linen. Choose "C" if it's a clingstone.

What about watermelon? Do you—

A pick up rind with your hands and bite away?
B use knife and fork the same way as for meat?
C use fork to cut and spear, scraping away visible seeds first?



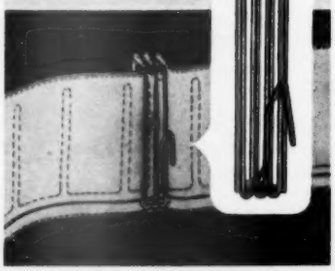
Make your own "professional" pleats with KIRSCH Easypleat

Trust Kirsch to have developed the handiest, most practical home pleating method! Simply stitch the Kirsch Easypleat tape...Sanforized or pre-shrunk...to the heading; press the drapery; then insert the Easypleat hooks to form firm, tight pleats. (Removable for cleaning.)

NO COMPLICATED FIGURING OR MEASURING

The illustrated directions with Kirsch Easypleat are easy to follow . . . even show you the width-after-pleating for double and triple French pleats, and for box pleats.

Choose the Name you know—KIRSCH



Answer: Both "B" and "C" are correct, depending upon what silverware you are given. Use fork tines to scrape away the seeds. Reserve "A" for picnics and private snacks at the kitchen sink.

When you're served corn on the cob, do you—

A leave ear whole?
B break ear in half before you butter and salt it?
C depend on ear's natural handles?
D use the little pronged handles that may be provided?
E butter and salt the whole cob before eating?
F cut it off the cob, a few rows at a time, if you are provided with a sharp knife?

Answer: "A," "B," "C," "D," and "F" are correct. You have quite a choice as to how you will eat your corn. Just don't copy the ferocious fellow at the beginning of the article.

When you eat an artichoke, do you—

A cut off leaves and rough part with knife and then eat soft, center heart with your fingers?
B use your knife and fork to cut off leaves, scrape tender portion off leaves, eat center as in "A"?
C pull off leaves with your fingers and bite off the soft base of each leaf. Then use your knife to scrape off the rough part covering the center heart, and eat the heart with knife and fork?

Answer: "C" is correct. If a sauce is served, you may dip the base of each leaf in it before you bite off the edible part. Dip the heart in the sauce, piece by piece, with your fork. Caution: Be careful to cut away rough choke which surrounds heart.

If long spears of asparagus are served, do you—

A use a fork to eat tender parts and hold tougher stem end in your fingers—bite off edible bits?
B use a fork to eat it all?

Answer: Both are correct. "B" is the safest method, and the one recommended for formal dining.

You've been served a baked potato. Do you—

A break it in two with your fingers?
B cut it with a knife?
C cut an "X" in skin and push out the potato before eating it?
D scoop it all out and butter, salt, and mix it before eating?
E eat potato from inside the skin with a fork, holding potato steady with your hand?

Answer: All are right except "C" and "D." "C" should be done by the cook after she takes the potatoes from the oven. If the potato's too hot to break with your fingers, use your knife. If you mix seasonings thoroughly, prepare each bite just before you eat it. If you like the skin, eat it as you do meat.

You've ordered French fries. Do you—

A pick them up in your fingers?
B hold them with tines of your fork while you bite off a mouthful?
C cut them, if they're long, with your fork, then eat with fork?

Answer: "C" is right. If you like them with catsup, dip each bite in the sauce with your fork.

You're having bacon for breakfast. Do you—

A eat it with a fork?
B use your fingers?

Answer: "A" is correct if your bacon isn't so crisp it would splinter if cut with a fork. Only bacon that might break into fragments is eaten with the fingers.

You're served a fish with many bones. Do you remove the tiny bones from your mouth—

A with a fork?
B with your thumb and forefinger after removing the meat in your mouth?

Answer: "B" is correct. But to avoid much of this, try to take out as many bones as you can with knife and fork before you eat it.

How do you eat lobster?

Answer: Although lobster claws are generally cracked in the kitchen, you may need to crack them again with a nutcracker. Use an oyster fork or a nutpick to remove meat from the larger claws. Pull off smaller claws with your fingers and chew meat from open ends. Remove meat from the center cavity with fork and knife.

How do you eat shoestring potatoes?

Answer: If you find them too crisp to pick up with a fork, use fingers.

How do you eat olives?—

Answer: If you're eating a large stuffed olive, hold it in your fingers and bite off half. Eat it whole if it's tiny. Otherwise, eat meat off the pit in large bites and lay the stone down with your fingers—don't put it in your mouth.

You've been served broiled or fried chicken. Do you—

A break joints with fingers, pick up a piece, eat from the bones?
B use your knife and fork?

Answer: "B" is right unless you are eating chicken served in a basket or you're at a picnic.

You're served a lamb chop or a pork chop. Do you—

A cut with knife, eat with fork. Pick up bone with your fingers to eat meat still clinging to bone.
B cut and eat, using knife and fork?

Answer: "B" is right. Meat that can't be removed with knife and fork is left on the bone.

How do you eat Italian spaghetti?

A Wind spaghetti on fork, with prong tips against a large spoon?
B Spear a few pieces with fork and twist fork to wrap them around it. Cut strands with fork if you choose.

Answer: "B" is the way it is done in the best circles in Italy. Use a spoon only when learning to control strands on your fork.

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Bottom view of No. 80 Carpet Nozzle

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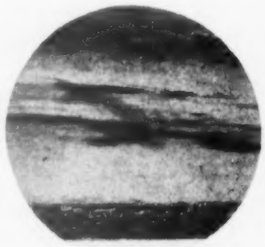

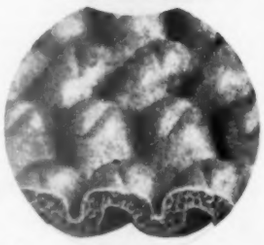

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Begins on page 94

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For a little wash, you'll like this junior-size helper. Roll it out from its under-counter "garage." Attach to electric outlet, sink faucet. Washer holds a 6-pound load. Wringer folds out to one side; cover snaps under wringer to catch clothes

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It's like riding on air!

Every road's a boulevard; at least that's the way it feels—for Ford's new ride proves, once and for all, that a car need not carry gas-eating extra weight and hard-to-park length to ride you in smooth, smooth comfort!

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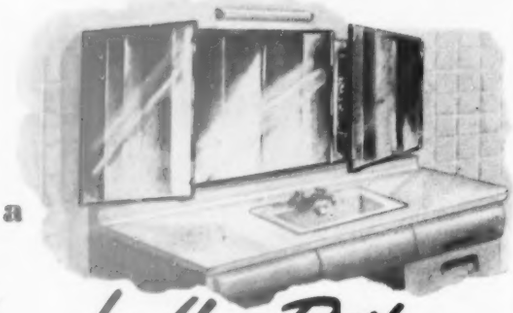

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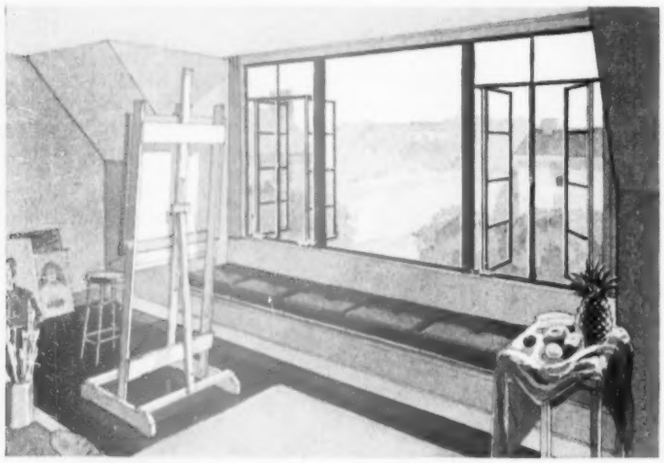

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LUPTON
METAL WINDOWS

What about your heating plant?

Begins on page 80

warm air is brought into the living rooms at natural heat-loss points around the perimeter of the building.

Ingenious means have been devised by the heating industry for ducting the warm air to the outside walls, and discharging it there. Fundamentally, the system is this:

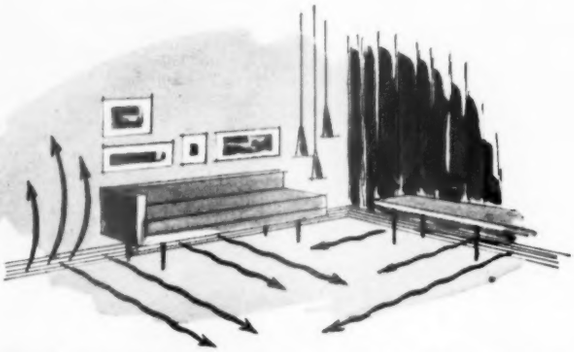
You install a large duct the length of the house (they call it a "warm-air plenum"), and you take off laterally from this plenum to the points where air outlets must go. These lateral ducts may be the regular rectangular ductwork which is pretty standard for systems with blowers. Or, with modifications in the blower system, these lateral ducts can be those small, 4-inch pipes which are easy enough for a handyman around the house to install, himself. In cases where homeowners do their own duct installation, the usual practice is to have the plenum installed professionally. Taking off from the plenum—even setting in the registers—is so simple you could weekend at it, and have the system ready for this winter's cold.

Throughout the range of heating-plant remodeling, there are endless opportunities for the handyman to save costs, after the basic planning has been taken care of by competent heating and ventilating engineers.

"Our house is a museum of old hot-water radiators. Anything we can do?"

If the boiler in your basement matches the antiquity of the radiators upstairs, perhaps your first move would be a new and more efficient one. The furnace and boiler manufacturers are now producing models that burn gas, oil, or coal, and that are hardly larger than a water heater.

But, if the overgrown, asbestos-coated teakettle downstairs is turning out hot water in an efficient manner, you can



Baseboard radiant heat is an easy step when you have a hot-water heating system. Pump sends heated water through inconspicuous radiators in the form of baseboards, which not only radiate heat, but also may have openings which produce air circulation by convection

bring yourself a long way toward modern heating with some revisions upstairs.

Those old-fashioned radiators can be replaced with sleek, modern, decoratively acceptable convectors. They work under windows and at other heat-loss points, and they radiate heat the same as the old ones. But they take up less space, and they combine radiation with convection. Air enters them at the bottom, rises out at the top as it is heated, and circulates throughout the room.

The convection principle has been applied, too, in modern baseboard radiators. These replace standard wooden baseboards in your house, carrying the circulation of hot water through them. Thus heated, they radiate heat out across the floor, in a manner warmly recommended by modern-heating engineers. Transverse slits in [*Turn to page 224*

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- QUIET . . . RESILIENT . . . WON'T BURN OR SCAR!
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- BEAUTIFUL DECORATOR COLORS!
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Here, at last, is a floor-covering material that blends rubber and plastic to give you the comfort, quiet and fire-resistance of rubber flooring as well as the tough, long-wearing qualities of plastic. Best of all, it's easy to install Amtico Plastex Rubber Flooring yourself for extra savings. Enjoy warm, vibrant colors that fit any design you choose or make. Enjoy America's outstanding flooring value . . . for Amtico Plastex Rubber Flooring comes to you at a sensible price. Send for free folder today.

- **By the makers of famous Amtico Rubber Flooring—choice of leading decorators—and also new Amtico Permalife Vinyl Flooring—for "Longer wear with far less care."**

Amtico PLASTEX RUBBER FLOORING

AMERICAN BILTRITE RUBBER COMPANY
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In Canada—American Biltrite Rubber Co. (Canada) Ltd. Sherbrooke, Quebec
Please send me "New Miracle Floor" illustrated folder
NAME _____
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CITY _____ ZONE ____ STATE _____
Your local Amtico dealer is listed in the "yellow pages" of your telephone directory.

"If you can paint a room, you can insulate your attic with KIMSUL* —it's easy as ABC!"

You don't have to be a carpenter—you need no special tools or equipment—to install Reflective KIMSUL insulation in your home this weekend! KIMSUL is the easiest of all insulations to apply, and complete attic coverage of the average 5-room home costs less than $70! Simply carry the rolls home in your car, cut each blanket to proper length and tack or staple in place. It's easy, easy, *easy!*

KIMSUL employs the world's most effective barrier to heat loss:

1. **Thick Fiber Blanket**
2. **Reflective Aluminum Cover**
3. **Positive Vapor Barrier**

That's *triple* protection in one application—designed to reduce winter fuel bills up to 33% and keep room temperatures as much as 15° cooler on hottest summer days!

Start enjoying the exclusive advantages of America's finest insulation *now*. Look for the KIMSUL dealer who displays Mr. "Do-it-yourself" (shown below), or write to Kimberly-Clark Corporation, Neenah, Wis.

A Product of Kimberly-Clark

What about your heating plant?

Continued from page 222

these baseboard radiators cause air movement through convection, the same as with the upright convectors.

"How much of a job would it be to convert to hot-water floor radiant?"

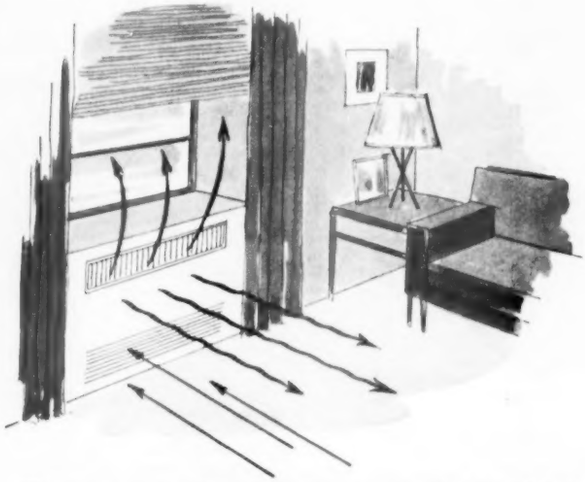
Fairly simple. Instead of pumping its heated water through convectors or baseboard radiators, the boiler pumps it through small pipes in the floor. The pipes are put in position, furring strips are nailed between them, and a new floor is laid on top of the strips.

The entire floor is thereby converted into a radiant panel. All that may be required, additionally, is a certain amount of insulation material, placed so as to prevent an undue amount of heat loss downward.

Hot water in the ceiling of an existing house is entirely feasible, too, again with furring strips, the tubes to carry the heated-water circulation, and a new ceiling surface. Again, insulation provides any necessary control over the direction the radiation takes.

"Our big trouble is peak-and-valley heat. Can this be leveled off?"

You should know about the new thermostats! They're virtual weather forecasters. They take their temperature-weather readings both indoors and out. They anticipate changes in the weather, and alert your heating plant for sudden or unseasonal changes in temperature which an inside thermostat, alone, would never know anything about.



Water or steam radiators have been given a modern, stylish look, with a new name: convectors. They perform the old-style radiator's function of radiating heat into the room—and in addition they activate circulation of air by convection through the housing openings

They keep your furnace from overworking in the face of rising temperatures, and they keep it from lazing on the job when it is going to get colder outside.

As a result, you eliminate those periods when furnace, sun, and rising thermometer all get to work at one time and the house becomes unbearable before the furnace realizes what's up. Conversely, they eliminate those periods when the thermometer is dropping outdoors and the furnace is caught napping, then to be faced with the job of heating the whole house from 5 or 10 degrees below par.

These supersensitive, crystal-ball thermostats work with any type of automatic burner, but they're at their best

termites?

call Terminix

For guaranteed protection

Why risk costly termite damage in your home? Terminix, world's largest in termite control, offers you complete protection. Your home is safeguarded by scientific Terminix methods, successfully used in over 150,000 structures. Terminix Service contracts are guaranteed by E. L. Bruce Co. and insured by Sun (London), the world's oldest insurance company.

BRUCE TERMINIX

Phone for free inspection

Look under "Termite Control" in your classified directory for the name of your local Terminix company. Or write Terminix Div'n, E. L. Bruce Co., Memphis 1, Tenn.

Help Yourself with these WIZARDS with WOOD

First aid for broken toys!

WELDWOOD® PLASTIC RESIN GLUE

Makes joints stronger than the wood itself! Use it to mend or make things. Highly water-resistant... easy to use.

Make unpainted furniture look expensive with WHITE FIRZITE®

Produces magical "woodsy" effects — on hard wood or soft, plywood or solid lumber. For light pastel tones, tint with Colors-in-Oil. (On fir plywood stain jobs, tame wild grain with Clear Firzite.)

—or—Finish it perfectly, naturally with SATINLAC®

On unfinished panelling, furniture, bookshelves, Satinlac brings out and preserves natural wood grain and color. Easy to brush or spray on plywood or solid wood.

At hardware, paint, lumber dealers. Write for helpful leaflets. B9

UNITED STATES PLYWOOD CORP., N. Y. 36

when they're teamed up with a method of adjusting heat level to any desired point. This they do through solenoids which open or close baffles in the ducts . . . or which open or close the fuel valve to regulate the amount of heat. There is no "off" period during which the furnace does nothing, followed by an "on" period during which it catches up with its work. Instead, the flow of warmed air is continuous, and the temperature of the air is closely controlled by sensitive thermostats.

The perfection of automatic baffle control in warm-air ducts has led to one of heating's greatest innovations recently. Instead of a single thermostat, several can be used—each obeying your wishes regarding temperature in a different part of the house. Living rooms can be kept at 70—while at the same time bedrooms are held at 65. Combined with automatic timers, these newest ideas in thermostatic control give endless flexibility.

"Look—we've got the works—all modern—all good. Can we improve it?"

If you've got things just the way the best heating engineers and the most discriminating homemaker would like them, give some thought to John Smith. Remember the radiant glass panel he installed in his bathroom? His heating plant—be assured—took the bathroom into account. But it *is* nice, the Smiths report, to feel the warm radiant glow of that glass panel on wintry mornings.

How about your workshop? Is it always warm enough there? Could you use some electrical or hot-air or hot-water supplementary heat there? The utility room? The laundry? Would a sheet of that electrical radiant material made of rubber help increase the comfort in that room? It goes on the ceiling just about as easily as wallpaper. The amount of heat it will produce for you depends on the size of the panel you put up.

Auxiliary heating units—the kind that give a shot in the arm to a system that is near perfect—are a smaller answer to a smaller problem than that of the Browns, whose heating renovations ran from basement to roof. But they do go to show that no matter how good your heating plant may be . . . or how bad . . . the year-in-year-out research of the heating industry is always producing some idea that will minimize the inevitability that it gets cold in the winter.

Dream boy

In body, Junior's studying—
Behind his text he hides.
But Junior's dreams have
taken hold,
and Junior's spirit rides.

For there he sits, unmoving,
still.
And by his distant look,
Unlike his life, his study time
Is just an open book.

—*Evelyn Amuedo Wade*

Would You Use WHITEWASH?

Painting concrete, block, brick, asbestos shingle or stucco homes with "ordinary" paint is like using whitewash . . . it's fine for chicken coops and fences . . . but not for your beautiful masonry home. Chemicals in masonry destroy ordinary paints and cause them to crack, chip and peel. But Medusa Masonry Paints are formulated especially for masonry by experts.

Use the AMAZING NEW MEDUSA MASONRY PAINTS

A Special paint for Every Masonry Surface!

Now to its famous masonry paint line, Medusa adds two great new paints!

Medusa Exterior Rubber Base, the wonderful new paint with amazing adhesive power and color brilliance. Lasts longer, because it's unaffected by the chemicals and moisture which destroy ordinary paints. Actually keeps moisture from penetrating masonry and resists mildew and weather streaking. Eight beautiful basic colors, and many intermixed pastel shades.

Medusa Silicone is another great new Medusa Masonry Paint development. Permits home owners to preserve the beautiful masonry work of their houses for years and years in its natural state. Completely invisible, Medusa Silicone combats the moisture menace . . . stops it from passing through masonry causing wood joists to rot, metal lath to rust and plaster to stain! Inhibits spalling, cracking, efflorescence and is stain-resistant.

Made By Masonry Experts in Business Since 1892

Medusa Portland Cement Paint **the inexpensive way to beautify and protect interior and exterior masonry walls. Eight colors.**

Medusa Rough-Seal Cement Paint **for porous masonry such as lightweight concrete and cinder block. A prime coat that seals the pores, stops moisture penetration.**

Medusa Interior Rubber Base Paint **bounces wear off interior concrete floors. Also for interior walls. Eight glossy colors.**

For name of nearest Medusa Paint Dealer see Yellow Pages of Telephone Directory or write direct.

MAIL COUPON FOR ADDITIONAL INFORMATION

MEDUSA MASONRY PAINTS
Court Square Building, Baltimore 2, Maryland

☐ Enclosed is 25¢ for Medusa Book, "How to Make Basements Dry, Livable and Beautiful."

☐ Please send FREE information on Medusa Paints and prices.

Name .....

Address .....

City ..... *Zone* ..... *State* .....

DEALER INQUIRIES ON NATIONALLY ADVERTISED MEDUSA PAINTS ARE INVITED

but here's the way to keep 'em clean!

NEW *Companion Piece*
AUTOMATIC HOME LAUNDRY

Hamilton
WASHERS AND DRYERS

Comes washday, and it's you against the whole family! How to stay on top? It's easy with a Companion Piece laundry, Hamilton's exciting new Automatic Washer and new 1954 Dryer. Careful, though! If you're shopping for easier washdays, don't settle for less than a Hamilton!

Free Home Laundry Handbook—write for your copy now!

RESULTS ASSURED

Laundering efficiency laboratory-proven by nuclear scientists! Only Hamilton offers this proof. So let your Hamilton Dealer show you how clothes come clean in a Hamilton!

Companion Pieces for your laundry by Hamilton

New Automatic Washer with gentle, thorough *Soil-Seeking Action* gives you the cleanest wash in town. Fully automatic *Selecta-Cycle Control* tailors washing to any load For effortless automatic agitator washing, see the new Hamilton first!

New Automatic Dryer by Hamilton, the *originator* of automatic clothes drying! Quick, gentle *Carrier-Current* drying . . sunshine freshness with the *Sun-E-Day Lamp* . . amazing *Fabri-Dial* temperature control. Get all these *headstart* features—get a Hamilton!

the folks who made automatic washdays possible

HAMILTON MANUFACTURING COMPANY • TWO RIVERS 10, WISCONSIN

Dramatize your doorway with glass

By Barbara Lenox

Handled with wise regard for privacy, glass can give you a striking entrance

The simple double doors are accented by glass at the top and sides. Glass flanking doors is opaque, to protect privacy. Other panes are clear to admit light and to show continuation of brick wall (right) from inside and out. Harry Hunter, Fresno, California, designed home

Photographs: Szanik

Heavy areas of stone surrounding entrance are balanced by decorative wood in neat, formal pattern over fluted glass. Glass obscures view indoors, even for those standing on porch, but does let enough light pass to cheer up entrance hall. Designer, Ivan Wells and Sons

Yours... real mahogany paneling like this for only $63.50

Special September-only offer saves you $15.50 per package on genuine pre-finished Honduras mahogany Plankweld panels... and you can do the job yourself.

Now you can join the trend *away* from a diet of dead, flat wall surfaces that need frequent redecoration. You no longer need put up with imitations—with paper or composition that tries to *look* like wood.

You can afford the *real thing*—beautiful, Central American Honduras mahogany—one of the world's fine cabinet woods—which adds distinction and luxury to any room and is the perfect backdrop for any decorative scheme. If you can hammer and saw, you can install Plankweld* yourself and have fun doing it.

Honduras mahogany Plankweld is expertly factory-finished to a soft, deep luster that needs no further finishing on your part and little or no upkeep. It comes in an easy-to-handle package, and is guaranteed for the *life of your home!*

For special September-only offer, see below. Then see your lumber dealer or visit any United States Plywood or U. S.-Mengel showroom from coast-to-coast.

Special metal clips, supplied in each package, conceal nails. Plankweld is edge-grooved so pieces fit snugly. It can be fastened without furring directly on studs or over any nail-holding surface, such as plaster or sheathing. Plankweld also comes in birch, walnut, oak, hazelwood and Philippine mahogany.

A subtly beautiful wall of Honduras mahogany Plankweld, 13 feet long (or even longer, allowing for doors, windows, or fireplace) can be yours for only $63.50. Each package contains ten 8-foot pre-finished panels 16¼ inches wide. You get more than beauty . . . you get lifetime durability and minimum maintenance.

There's a Weldwood® Building Product for every part of the home: doors, roof sheathing, built-ins, interior walls, siding, sub-flooring, bathrooms and kitchens, concrete forms.

HONDURAS

Mahogany Plankweld

—another Weldwood paneling

REAL WOOD FOR BEAUTIFUL HOMES

Special Offer. The regular price of Honduras mahogany Plankweld is $79.00 per package. Present this advertisement to your local lumber dealer before October 1, 1953 and the price will be only $63.50 per package. If your lumber dealer does not have it, visit one of the more than 60 United States Plywood or U. S.-Mengel showrooms located from coast-to-coast. They will see that your order is filled by your lumber dealer.

For further information, send 10¢ for full-color book, "Beautiful Wood for Beautiful Homes."

UNITED STATES PLYWOOD CORPORATION
Box 61, New York 46.

Connoisseur Luxury

in America's finest power loomed rug

Your hunt for beauty and distinction for your home ends with a Karastan. See how its glorious Nature colors tie in the outdoors with the indoors. Notice how its exquisite design sets off the simplicity of modern furnishings. Could any prized collector's rug at many times the price be more luxuriously soft, or more enduring? Below, Karastan #773—approximately 9 x 12 size, $359.50

KARASTAN • 295 FIFTH AVENUE, NEW YORK 16, NEW YORK • A PRODUCT OF FIELDCREST MILLS

Use pattern as seasoning

Furniture arrangement makes the most of both the fireplace and the large window area.

The two chintz chairs are balanced by the large lounge chair on the opposite side.

The sofa squares the arrangement by facing the fire. Accessories successfully follow the rule of few and large.

By Elizabeth Gilrain

When living and dining rooms join, as they do in so many homes nowadays, it's important to play up their close relationship in your furnishings. One highly successful way is to use matching chintz and wallpaper.

The key to success is to know when to *stop*. It's easy to overdo and put the matching chintz on walls and furniture until the room is dizzy with pattern. The home shown here illustrates a successful way to tie the two rooms together.

You'll notice the care with which the Provincial pattern is used. There's a feeling of unity between the two rooms without the clutter you often see when pattern is overused. It's well-planned simplicity.

Photographs: de Gennaro. Decorator: Sue Ross, A.I.D.

Pattern of coral, cocoa, beige, and green chintz on the two chairs is key to decoration of this living-dining room.

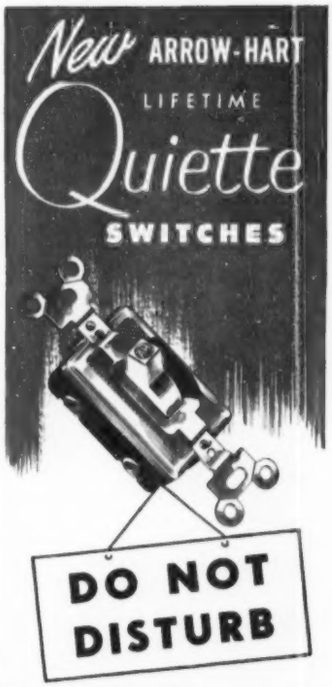
All other colors used in the rooms are taken from the pattern.

Furniture has been given the same light-walnut finish as the bookshelves and cabinets in the background—to add a further feeling of unity.

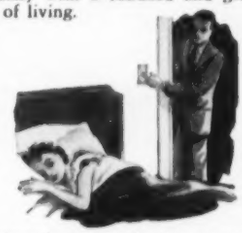
Dining alcove is tied to the living room by repetition of the chairs' Early American pattern—this time as a wall covering.

The furniture arrangement and the way the rug is used only in the living area suggest a division between the two sections of the combination room.

Dining chairs double as extra seat space in living area. The home of Mrs. Donna R. Pitts, Pacific Palisades, California.



Your home is a quieter, more restful place, children's and older people's sleep is less disturbed, when you install the Arrow-Hart Lifetime QUIETTE Switch. You'll like the way it eliminates the loud, rasping "snap" you get with conventional spring type switches. You'll like, too, the way it seems to "fit in" naturally with a subdued and gracious way of living.



Experience has shown that home owners and prospective home owners prefer the quiet action of an Arrow-Hart Lifetime QUIETTE Switch. If you'd like to see (but not hear) for yourself how much this remarkable switch adds to the pleasure you and your family take in your home, take advantage of this direct-to-you introductory offer. For a limited time Arrow-Hart will send you postage paid one Arrow-Hart Lifetime QUIETTE A.C. Switch for you to try out in your own home.

Mail the coupon together with $1.50 to the address below. Your QUIETTE Switch will be rushed to you ready to be installed. We think you'll want Arrow-Hart QUIETTE Switches in every room in the house. Look to your local electrical contractor for safe installation of QUIETTE Switches and other quality wiring devices.

Above offer good in United States only. Satisfaction guaranteed or money refunded by return mail.

AH

Wiring Devices

DIVISION

THE ARROW-HART & HEGEMAN ELECTRIC CO.
5009 Laurel Street, Hartford 6, Conn.

Enclosed is ☐ CHECK ☐ MONEY ORDER for $1.50* (Sorry, no C.O.D.'s)

for which please send one Lifetime QUIETTE SWITCH to:

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Street _____

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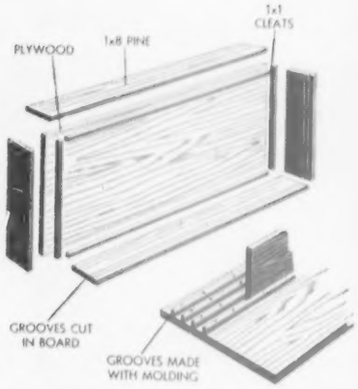
Zone _____ State _____

*Connecticut residents please add 3c sales tax.

Here are two ideas to help you

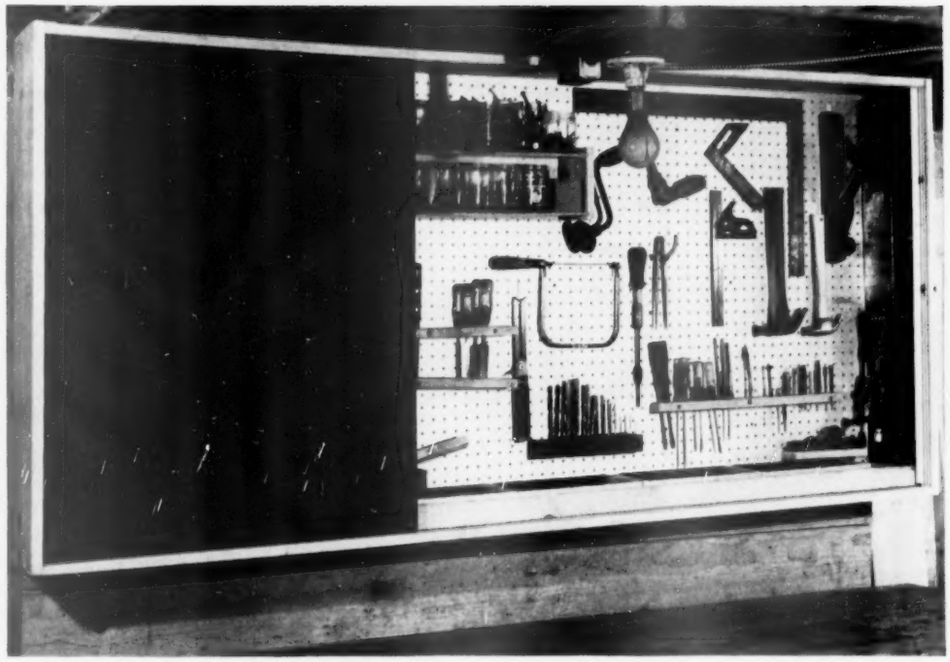
Make a small shop act big

By James Franklin Andrus



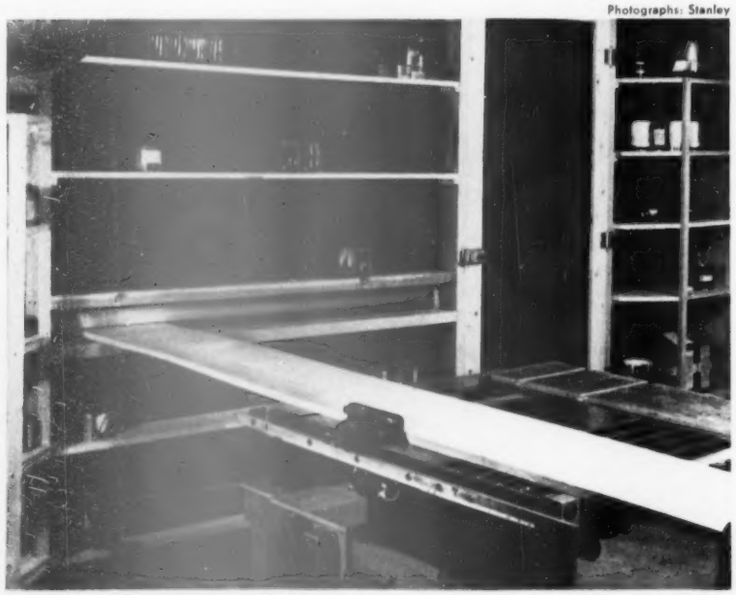
Materials you need for a tool cabinet are 1x1 cleats screwed to the board, 1x8 framing pieces saw-grooved for sliding doors, plus the hardboard for the doors.

Smaller drawing shows how door grooves can be made of glass bead molding.



Tool arrangement behind sliding doors is important, because one-third or one-half of tool board (depending on the number of sliding sections) is covered when the doors are open. Put those *tools you use most* at one end of the board, so they are always in the clear. Less-frequently used tools go at the other end, where their being hidden won't make any difference. Some handymen make space by zoning their benches; i. e. woodworking at one end, metal at the other. If you do this, zone your board so the tools you want are handiest

Photographs: Stanley



Swing a big board in a small shop by building a slot into the wall through which a long piece of lumber protrudes while you're working it down to size. The workshop wall shown here utilizes shelves as framing material, to back up the paneling which covers it. This will save money—and provides the shelf space that no workshop can sacrifice

If you are plagued by the all-too-frequent problem of allowable workshop space which denies you the room it takes to swing a board of soul-satisfying dimensions, here are two basic shop ideas that will help make every square inch count. In fact, with them you can add not inches, but *feet* to the useful size of your shop—and end up working more efficiently, too.

Problem No. 1 for many a space-tight handyman is that his tools take up too much room, because there isn't adequate provision for their storage—or because putting them away is an obnoxious nuisance. That one is easy to lick with a tool cabinet that is simple to build, and which is so convenient to *replace tools in* that it tricks you into keeping a neat shop. And a neat shop is bigger than an untidy one, even if their dimensions are actually identical.

Problem No. 2 for homecraftsmen who often feel as though they've been "poured into" their shops is a horizontal slot in the shop partition, through which the clumsy end of an over-long board protrudes, while you work on it inside as if you had all the space in the world in which to maneuver. [*Turn to page 232*

China deck and buffet sold separately—$170.00 for the buffet, $89.00 for the deck. Extension table, $98.00. Sectional chairs, $85.00 each.*

Value, Variety, Versatility...

All yours in PEASANT PROVINCIAL by Drexel

It's the hand-crafted look that adds so much charm to this new, open-stock group by Drexel! Think how cheerful and friendly your rooms will look, aglow with the warm browns of hand-polished, hand-rubbed walnut! . . . Even better, Peasant Provincial's modest prices mark it as a very special Fiftieth Anniversary Value!

Get your "Portfolio of Fine Furniture". Colorful booklets on Drexel's traditional, provincial (including Peasant Provincial), and modern. Send 25c in coin to 8 Huffman Road, Drexel, North Carolina.

See your Drexel dealer, listed in the classified section of most phone books.

Anniversary 50th

Provincial can be practical! There's convenience as well as comfort in this Peasant Provincial bedroom. Bed with built-in cupboards, $110.00. Roomy double dresser with matching mirror, $235.00. Night table, $40.00.*

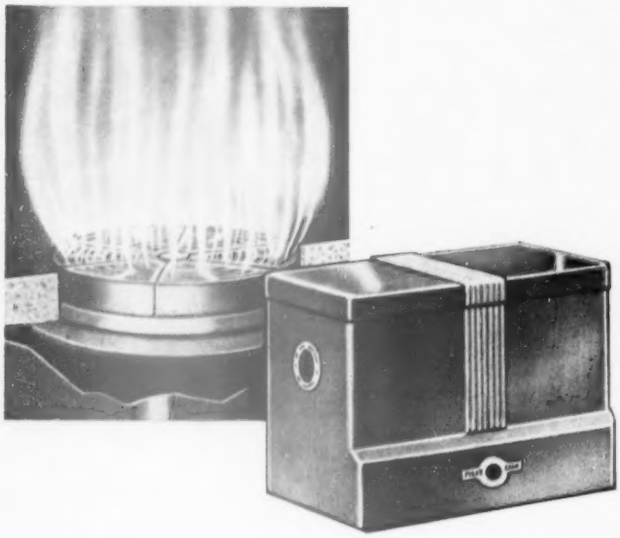
*Slightly higher west of the Mississippi

Drexel

Drexel FURNITURE

DREXEL FURNITURE COMPANY, DREXEL, NORTH CAROLINA

This Gas Burner is DIFFERENT



The flame of this Iron Fireman *Radiant* Gas burner is surrounded by a combustion chamber of very light porous refractory which heats to a state of incandescence in a few seconds and glows like a gas mantle. Its heat is radiant like a bed of glowing coals. It is far more efficient, more penetrating than the heat of a naked blue gas flame. Owners by the thousands are proving every word of this by their fuel savings. Within a few hours you can have an Iron Fireman Gas Burner in your present furnace or boiler and begin a new life of luxurious winter comfort, while cutting your fuel bills. Complete Iron Fireman furnace-burner and boiler-burner units for warm air, steam or hot water heating have built-in gas burners.

Mail coupon for booklet; or for name of nearby dealer call WESTERN UNION (by number) and ask for OPERATOR 25

IRON® FIREMAN
OIL · GAS · COAL
AUTOMATIC HEATING EQUIPMENT

IRON FIREMAN MANUFACTURING CO.
3013 West 106th St., Cleveland 11, Ohio.
In Canada, write 80 Ward St., Toronto, Ontario.

Send free booklet, "Magic of the Fuel-Saving Radiant Fire," describing Iron Fireman furnaces, boilers and burners for gas, oil and coal.

Name _____
Address _____
City _____ *State* _____

Make a small shop act big

Begins on page 230

This stunt will provide the answer for you, too, if you've always felt you *should* wall off the shop—but also feel that if you do, you end forever your capacity to handle any project bigger than a necktie rack.

Sliding doors are the answer to simplicity and spacesaving in the tool cabinet shown under construction in the accompanying photographs. The materials are merely some 1x8 pine, some 1/8" hardboard for the doors, and a few pieces of 1x1 stock for furring.

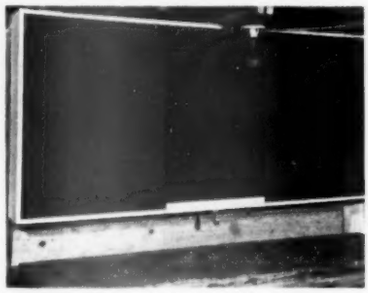
A complete partition around your workshop has an expensive sound to it, but you can keep the costs down by using shelves—you need 'em anyway, as additional spacemakers in the shop—for the major part of your framing. Narrow shelves along the wall *above* the level at which you normally work do not take space needed otherwise. And at corners, wider shelves never get in the way.

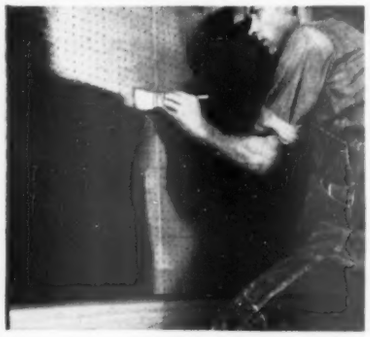
It's a good idea to position the horizontal slot at the same height as your table saw—or as your workbench, if you run a hand-tool shop. Although the principle is simple, give lots of thought to how this shop extender can fit your needs.

Build your tool cabinet this easy way

How many doors? If 5 feet wide or less, your tool board shouldn't need more than a couple of doors.

If over 5 feet, three are better—and regardless of width, three doors let you expose two-thirds of your board at one time.





New tool board is easy to apply atop furring strips that hold framing pieces.

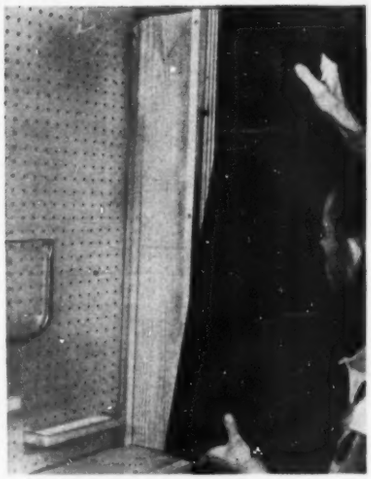
A smooth, clean, attractive surface invites orderliness in tool maintenance. Aluminum paint reflects light on bench, is proud background for tools.

Smooth glide for doors is assured by sanding the grooves with paper that's wrapped over hardboard you'll use for doors.

After sanding, drip candle wax into the grooves, and doors will respond like magic to the touch of one finger, open or closed.

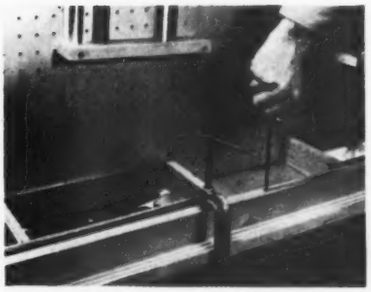
Line up frame accurately by slipping a scrap of hardboard into grooves at corners, as you assemble.

Put up top and bottom first, then ends, keeping them square. Use screws and glue for a lasting job.



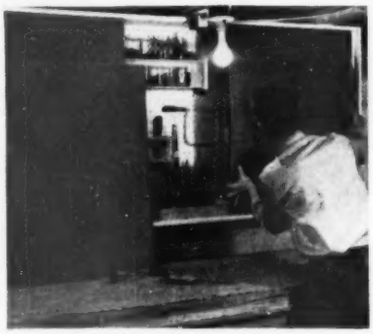
Extra tool space is available on the sides of your framework, handy for a saw or other tools which take up much board space.

Make ends match tool board by insetting pieces of the backing material, nailed to a framework, to gain this added space.



Extra space for a shelf comes from lower framing member. Screw a piece of 1x2 back of the grooves, as gallery to hold tools.

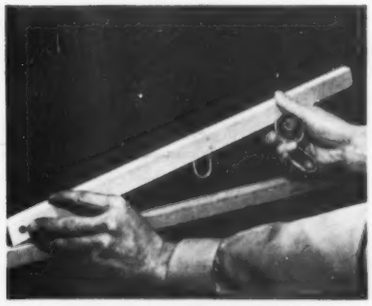
Use this shelf for laying tools during work, to reduce bench top clutter.



Bend doors slightly to fit them in grooves, after they're cut to size, with an inch or so overlap.

Bore holes in same position on each door, so one finger can slide them individually or as one.

Sand edges smooth, and they'll slide easily.



Devise lock, to discourage trespassers, by using a wooden bar that's fitted with a bent-wire staple which slips through slot at bottom, for padlock.

Bar locks end panels in three-door job. Short dowel in back of bar fits hole in center panel, to lock it.

More on next page

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PICTURE SEALED Sentinel TV

...the picture stays clear and steady!

Some day, contented owner, you may have an eyebrow-lifting thought: despite your Sentinel's many birthdays, you hardly know a TV serviceman. That's because Sentinel TV is Picture-Sealed TV. It means *years* of pictures sharp and clear as a fine photograph—steady as a surgeon's hand. Pictures without "flip, flap or flutter" on *all* channels, VHF or UHF.

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Test Sentinel's Picture-Sealed perfection, *Studio Tone* richness, incredible realism – in your home. Call your Sentinel dealer – soon.

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**All Sentinel prices include Federal Tax and one year warranty on picture tube and all parts.*

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take a good look at your heating system . . . now!

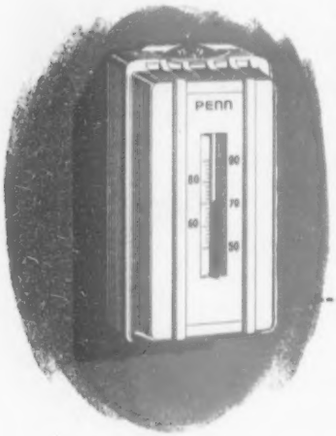
Remember last winter? Well . . . there's no good reason for you and your family to suffer through another uncomfortable heating season of being *too hot, then too cold.*

Here's all you do. See your heating dealer now . . . ask him to show you how a *modern* automatic heating system controlled by the *modern* PENN *heat-anticipating* room thermostat *definitely* stops Hot-n-Cold living.

The PENN thermostat is no ordinary thermostat. It not only "feels" the changes in room temperature but *senses them in advance.* This amazingly accurate thermostat with its PENN-made magic of "heat anticipation" keeps room temperature within 1° regardless of outside weather conditions. And that's *real heating comfort for you and your family!*

Whether you buy a new heating plant or modernize your old one, *insist* on PENN Controls . . . they cost no more but give *much more in comfortable living.*

Penn Controls, Inc.
Goshen, Indiana.



COMFORT around the clock

For greater comfort, convenience and fuel economy, also get the PENN Tem-Clock. It lowers the temperature at bedtime so you can enjoy the restful sleep of a cooler home. Then, in the morning *before you arise,* Tem-Clock brings temperature back to daytime level. And it's all done *automatically!*

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Selected by leading manufacturers for over 30 years

FOR HEATING, REFRIGERATION, AIR CONDITIONING PUMPS, AIR COMPRESSORS, ENGINES, GAS APPLIANCES

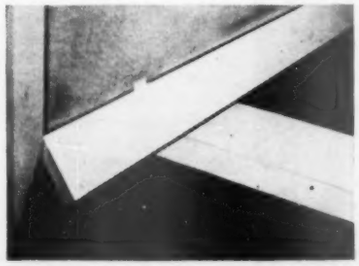
Make a small shop act big

Continued from preceding page

Slot in wall makes room for long stock

Frame door first, with 2x4s, then build up remainder of framing with shelving, when you put up complete partition for workshop. Nail sheathing to back edge of shelving, for solid wall. This way you get shelves, save on framing costs

Slot in wall is shown here, before upper half of sheathing is nailed on. Frame slot with 2x4s, with bottom member exactly level with saw table. Now you'll have good support for distal end of the stock as you run it through your saw



Top-hinged door of the slot opens as you shove lumber through it, closes by itself when it's clear.

Light door doesn't impede movement of stock, has look of chair rail as viewed from outside.

Nothing else like it!

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IN CANS OR TUBES

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Planned for October

With cooler weather on the way, and summer's dizzy schedule slowing down a little, you and your family will have more time to devote to your home. You'll find a lot of good, practical ideas in the October issue.

- Seven color pages will help you with all phases of bedroom decoration. There are suggestions for new bedrooms. And, to show what you can do in an older home, we've taken a most ordinary bedroom and turned it into a second living room. Tips on buying bedding, mattresses, and furniture will aid you in making new purchases.
- The garden department shows you how you can be way ahead next spring by getting into your garden this fall while it's cool. You'll see exactly how to plant and group your spring-flowering bulbs, peonies, and iris.
- Only 78 miles per day! That's the easygoing schedule we've planned for your Vermont and New Hampshire vacation. You'll have plenty of time to enjoy the peaceful beauty of this country so rich in early American history. If your family thinks of relaxation when planning a vacation, read the story on Vermont and New Hampshire in the October issue.
- The high, melt-in-your-mouth cakes, delicious pies, and picture-pretty salads featured in the October issue are right out of *Better Homes & Gardens* NEW checkered Cook Book. They're good to look at, good to eat, and simple to make.

To be certain of receiving your October issue, make sure your subscription is in order. Or, if you prefer, pick up a copy at your neighborhood newsstand.

Visiting daze

I'm ready first, prepared to go—
But is my family ready? No!
Impatiently, I pace the floor;
I see who's knocking on our door;
I fetch my spouse's gloves or hat,
My daughter's *this*, and Junior's *that;*
I'm busier than any bee,
Receiving phone calls (not for me).
And when I'm wilted, worn, unsteady—
They're set to go, but I'm not ready.

—*Leonard K. Schiff*

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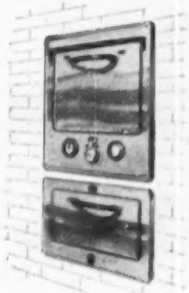

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Four boxed corners, like one at left, hold Contour smooth

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NO PULL-OUTS! The mightiest kick can't pop out the Contour Top. You stay covered all night.

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How safe are home and school athletics

Continued from page 45

body contact. All that is needed is a ball and a pair of sneakers.

Basketball, when it's played too strenuously, can tax the heart and kidneys, and—if the quarters are too long or the number of games played in a week is excessive—can be a more demanding game than football. The recommended length for quarters is 6 minutes for junior-high games; 8 minutes, high school; 10 minutes, college. Many states require 3 weeks conditioning before the first game. New York puts a ceiling of 18 interscholastic high-school games a season. Ohio limits its junior-high teams to 12.

The gymnasium floor should be dry before the game starts, and should never be waxed for dances.

Basketball equipment. At one time, basketball players shrouded themselves in guards and padding. Today the game is streamlined for lightness and speed. Basic requirements are a pair of socks within socks (the inner pair acts as a liner to keep feet from blistering), and a good pair of sneakers securely laced. Regulation basketball shoes are made of duck uppers and lowers with a nonskid suction tread for fast starts and stops. The varsity's gaudy sateen shorts should be lined with quilted padding to minimize floor burns.

Baseball. Dad can help his son become a popular player by teaching him the fundamentals—how to grip the bat, pitch, and catch. Mother can supply the neighborhood team with a set of canvas or felt bases stuffed with straw.

The worst danger in baseball is being struck by a foul tip. All players waiting their turn at bat should stand at a safe distance from the batter. A coach who didn't follow his own advice ruefully admitted his carelessness cost him a tooth.

Baseball equipment. "No one should catch behind the bat without a mask, chest protector, and leg guards," was the unanimous opinion of the coaches we consulted. A broken rib, nose, or leg can befall flouters of this rule.

"Batter up" means using a traditional wooden bat. Every fielder should wear a glove. In addition, the team should have a special first baseman's mitt and catcher's glove. Protective helmets for batters are gaining favor and are a sound idea. The catcher should wear an aluminum athletic supporter rather than the elastic ones used for other sports. Such a supporter is optional for other players.

Playing with a hard ball is out for grade-school children, and debatable at the junior-high level.

Professional, college, and high-school varsity players go in for steel-spiked shoes, but these are not safe for younger players. Either sneakers, or, better yet, a canvas shoe with rubber cleats—like the "Little League" baseball shoe—should be worn.

Softball, tamer than baseball, is played by girls and, in many junior high schools, is favored for both sexes. "In all cases," says B. E. Martin, executive secretary-treasurer of the Amateur Softball Association, "the equipment should be first-class." This should include a special wooden softball bat.

Mr. Martin urged that parents buy a glove of at least medium price, "since the cheaper models sometimes cause finger injuries through lack of protective construction." A catcher's equipment is the same as for baseball.

"There are plenty of ways in which fathers can make softball safer and more fun for their children," Mr. Martin said. "One-half hour a day spent in playing catch with his children, teaching them the fundamentals of catching, throwing, and batting, will pay dividends both in their ability to play well and in their protection while playing."

Track is one of the hardest sports for which to get in condition. If a contestant neglects to build up endurance, he can do more harm to his heart winning a quarter-mile dash than playing through a football game. In recognition of the strenuous nature of the sport, New York State requires three weeks of conditioning before the first meet, and limits participants to one main event per meet.

Equipment for track. Shoes with spiked soles (short spikes for indoor running on boards, long for outdoor running on cinders) are advised for many running events. High jumping, shot putting, and pole vaulting require spikes on both soles and heels. In pole vaulting, as the town of Marietta, Wisconsin, discovered while conducting a safety crusade, the bamboo pole may snap under stress when a boy is 11 feet in the air. Most schools today use aluminum poles or the newer, Swedish steel ones.

* * *

With all the precautions possible, accidents occasionally will happen, and one of the hardships they bring is the doctor's bills. Recognizing this, 45 states have approved plans whereby high-school students who are injured will receive, if their school participates, aid in meeting medical expenses.

Some schools have established their own insurance plans—often paid for out of gate receipts—and in other communities the Parent-Teachers Association recommends an inexpensive, comprehensive accident policy.

If your school does not have a plan, you may want to take out coverage as an extra precaution as you cheer from the bleachers.

good night... every night

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Beauty with

Berried branch bouquets

By Tomoko Yamamoto

Cut berried branches, add a few flowers, and you have makings for a handsome bouquet. Use branches from your garden or a nursery—those with leaves just turning red and bronze. Buy two stalks of red or yellow glads.

These branches are highbush cranberry, *Viburnum opulus*, a common shrub that has fragrant blossoms in the spring, and shiny, red berries in the fall.

Cut tallest branch 2½ times length of bowl. Place branch back of center on holder. Cut branch ⅔ height of first, point to right shoulder. Slant next one, ½ height of first, low to left shoulder.

Place another, same height as last, back of tallest; slant right. Fill in with smaller branches. Put rock or cinder at right front to balance arrangement and give it a natural, growing effect.

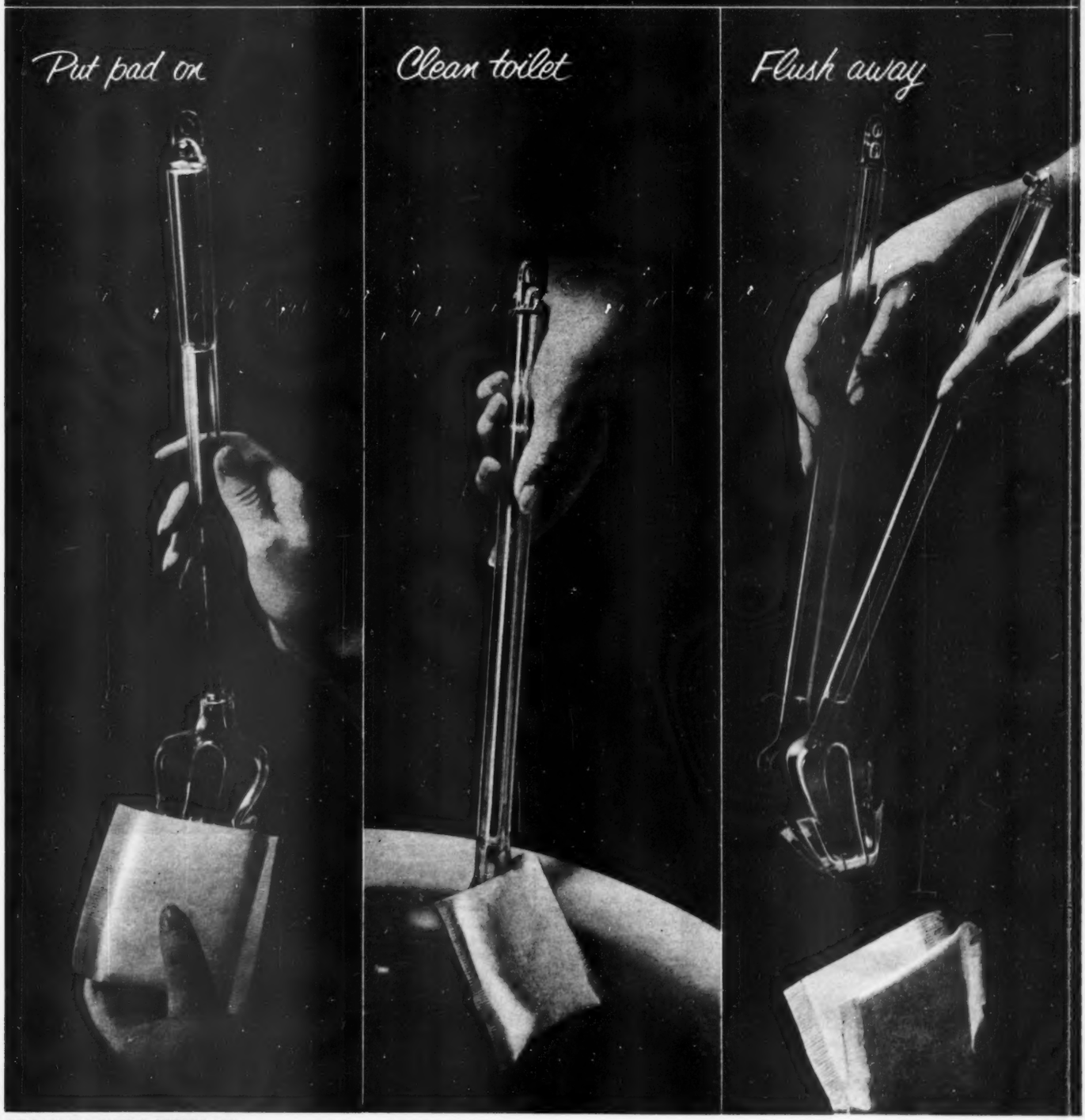
Photographs: Hopkins

Cut spike of gladiolus ½ the height of the tallest branch. Cut next 3 inches shorter. Place on holder. Slant both at the same angle as branch pointing right

jonny mop

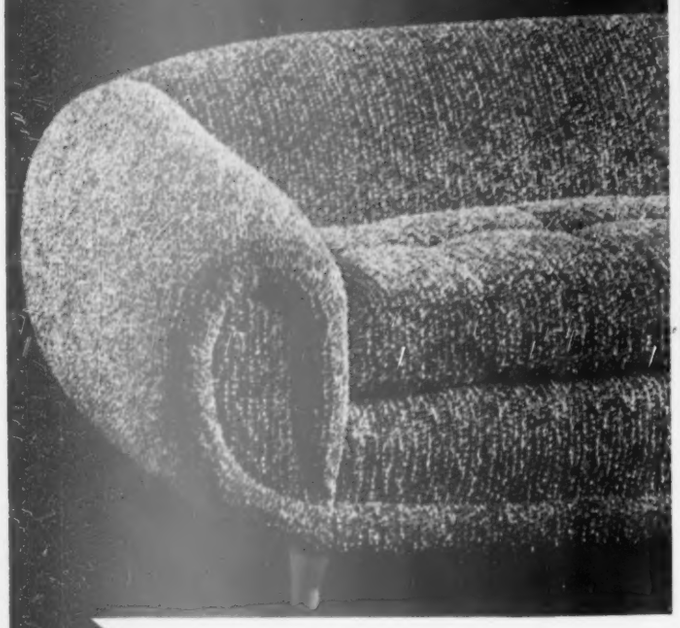
DISPOSABLE TOILET MOP

Cleans toilet bowls today's way



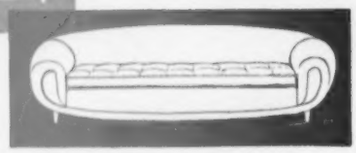
The beginning of a new Tradition

modern by karpen



Karpen

See how this furniture curves away from the usual in modern. How much softer, more generous. Karpen modern shows deep regard for your comfort . . . and real consideration for your budget, too. This is not a here-today, gone-tomorrow trend. Years and years from now this California-kind of styling will still be modern, and this Karpen-kind of construction will still be going strong.



The Karpen Sofa, Chair and Sectional pieces shown are available in a sumptuous selection of textured fabrics.

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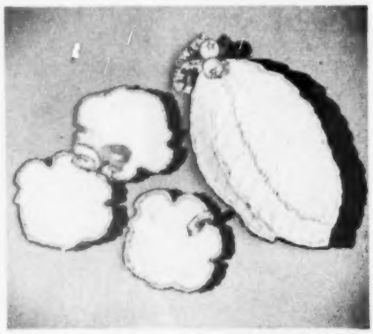
Handsome accents

By Margo Garrity

Perk up your table settings with smart, new accents. They'll inspire you with fresh ideas for delightful meals and for the use of your other table accessories. Just be sure the ones you choose look well with the rest of your tableware. Then you'll be ready to mix and match the new with the old—for exciting results!

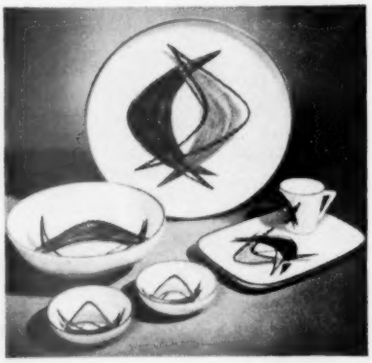
We have selected new, practical, but unusual items that will harmonize with many styles of table furnishings. You'll see versatile plates and bowls in which you can serve a variety of foods; unusual salad bowls; interesting pottery and lovely china dinnerware. The right accessories will do the same for your table that a new hat or scarf does for your costume. You'll give your table a new look without replacing everything in your china cabinet.



These leaf-shaped plates, so reminiscent of beautiful old majolica, are of fine-quality white earthenware with green borders.

Large leaf is 13 inches long. It's right for serving salad or dessert.

Pass relishes, candy, or nuts in single and double leaves. All can be used for fruit or flowers.



The bold, colorful design on this pottery lends interest to the modern table.

Round chop plate is big enough to serve meat and vegetables, a whole-meal salad, or assorted cheeses with crackers and fruit.

Convenient tray plate allows generous helpings, has indentation for cup. Dinnerware is yellow with black, white, turquoise.

Green earthenware bowl, two-sectioned serving dish are decorated with purple grapes, green leaves.

Put salad, fruit, punch, popcorn, or potato chips in bowl. Keep two-sectioned dish beside your easy chair, always ready to serve you snacks.

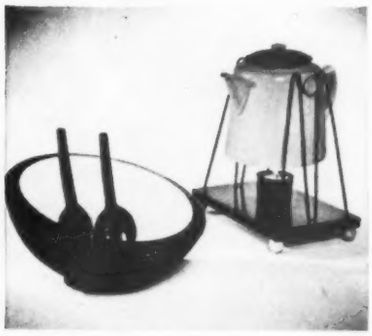
for your table

Photographs: Fletcher, Hopkins

Frosty-cool crackled glassware is ultramodern, but so well designed that you can combine it with many types of accessories.

Choose either clear crystal, dark amber, or smoky green. That three-legged base of the triple candleholder is polished steel.

Bowls, 8½ inches long, will give an exotic touch to relishes, salads, or snacks. They also can make unusual flower containers.



Sleek salad bowl and coffee server are masculine-looking—made of black-and-white earthenware.

A candle warmer keeps coffee piping hot. The rack steadies the pot as it is tilted, and makes it easier for you to pour.

Salad bowl has ceramic servers to match—measures 15 inches across.

Smart pottery bakeware is designed for casual living. Free-form plate with mug is ideal for buffet, bridge, or television serving.

Plates and saucers are turquoise banded in black. Design is yellow, orange, black, and turquoise on a white background.

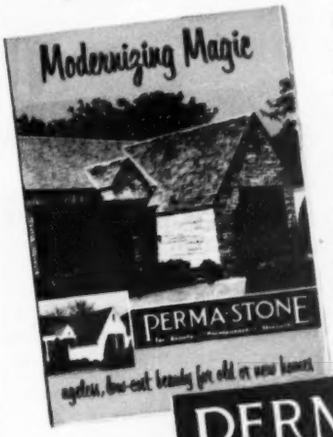
You may substitute cup or tumbler for the mug shown on free-form plate.

This Lazy Susan is something to crow about. Five chartreuse pottery dishes rest on wood base.

Rooster will proudly display your hors d'oeuvres. Choose the large size (19½ inches across) or smaller one (16 inches).

More on next page

"It was Jane's bright idea—to beautify the exterior *first* because everyone sees the outside *first of all*. So we modernized the run-down old homestead from the outside in. And just as Jane said, no other material could do it so beautifully, permanently and economically as Perma-Stone!" There's a wide choice of beautiful colors, textures and designs including the *new narrow ledge stone design* with its graceful, flowing lines. See your Perma-Stone dealer for full information, free estimate, easy terms.



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HANDS DRY QUICKLY with soft, absorbent ScotTowels. Ideal for mopping up spills, wiping pots and pans. Save time and energy — keep ScotTowels handy in *every* work area of your home.

BABY STAYS CLEAN and neat with a clothlike ScotTowel bib, saves you laundry, too. Use sturdy ScotTowels under baby's bowl for a fast and easy clean-up. Another great Scott paper value.

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Big roll — 250 ScotTowels
Regular roll — 150 ScotTowels
Both fit standard size holder.

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Handsome accents

A soup tureen is a boon to buffet service. Use it for hot soup, spaghetti; and in the summer, for jellied bouillon or vichyssoise.

This unusual 2½-quart tureen is brown-and-ivory Italian pottery. It has a matching ladle.

Plate under tureen doubles as a chop or salad plate, is 14 inches long.

You'll include beautifully grained, carefully turned wooden bowls among your cherished possessions.

In top row: cheese and cracker bowl; small salad bowl; mayonnaise bowl.

Center row: individual salad bowl, and large bowl. In bottom row: individual salad bowl; and four bowls for curry condiments.

This Italian hand-painted pottery with leaf design is lovely regardless of the season. It's especially nice to use in the fall.

Leaves are yellow and light green, with outlines of brown. The woven-fiber place mat repeats greens and beige of dinnerware.

A sturdy green tumbler points up the dark green rim on pottery. The wooden-handled flatware completes the place setting.

Border of this dinnerware is a soft, subdued green. Acorn motif in the center is in tones of rust, green, and rich brown.

It's particularly pleasing on inexpensive, hand-woven place mat in rust.

Danish Princess pattern in plated flatware, and polished-wood lighter are harmonious with pottery.

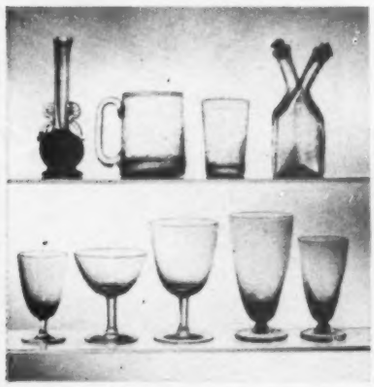
for your table

Begins on page 240

What's smarter than black and white—or easier to combine with your colored accessories?

This white salad set is easy to carry in its sturdy black iron frame.

Earthenware is ovenproof. You can use a candle or canned heat under beanpot. Pie plate, left, is deep enough to use as salad or vegetable bowl.



Take your pick for a new look in glassware. Top row: in misty blue crackled glass—bud vase, large mug, tumbler, cruets.

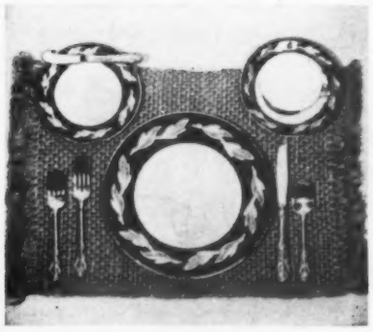
Bottom row: juice glass, sherbet, and goblet in chartreuse or cranberry with cut-crystal stem and base.

Water tumbler and juice glass in smoky green with clear base at right.

Here's a beautiful dinnerware. Its pattern, called British Scenery, is rustic and traditional—depicts life in Old England.

The design was originally engraved in early 1800s. The china is printed in a rich milk-chocolate color. (Comes in blue, also.)

Use the dinnerware on a brown-and-white checked cloth for a handsome effect. Flatware is White Orchid pattern silverplate.



Coronet pattern china is inexpensive, boasts elegant motif and color.

Flange is maroon with gold leaf design. Use it on gold fabric place mat shot with copper thread.

Choose new Esplanade pattern in sterling flatware. Its design blends effectively with the leaf motif on the china.

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It's Smooth!

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No Dirt-Catching Surface pores!

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B. F. Goodrich Rubber Floor Tile is *now available* in a special thickness (80 gage) for home installation. Install it yourself — and SAVE.

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THE FAMILY CAR

Know your car's electrical system

It's quite simple when you analyze it. Here's what those wires are all about— and a word about the new 12-volt system

By Eric Cohn

There is approximately 400 feet of electrical wiring in the average car. When you lift the hood, you find a maze of wires running in every direction. To understand the wiring in your car, you must first understand the principle of the "single-wire system."

To each unit that uses electricity, only a single wire is connected. The power travels from the battery, through the starter, on this single wire to each electrical unit—head lamps, cigar lighter, heater motor, and so on. The connection is completed when the power returns from the unit through the frame of the car.

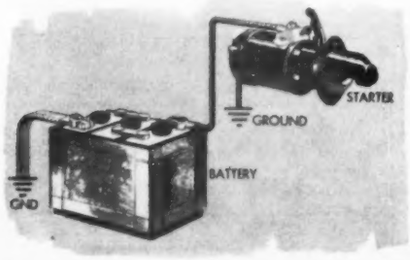
The "ground" terminal on the battery is bolted to the frame of the engine or chassis. Every electrical unit must be connected to "ground" so the current may return through the frame. This may be a confusing idea if you are accustomed to the two-wire system in home wiring.

You can consider the car's entire wiring as having three circuits. Since each circuit in itself is not complex, the whole system will unfold in a simple manner.

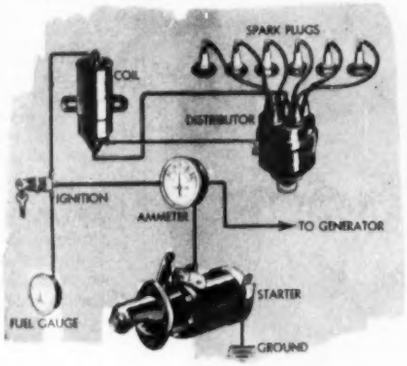
Starting circuit. The starting circuit consists of battery, heavy cables connecting battery to starter and frame of car, and the starter itself. The starter is a motor connected to the engine to turn it over when you press the starter button. It is usually bolted into the engine on the lower left side, under the steering column. When the switch on the dash- or floor board is pressed, the current flows from the battery to the starter, energizing the starting motor, then returns through the frame of the car.

The motor turns the engine over, the engine starts, and that is all there is to the starting circuit—with one exception. As an economy measure, a heavy cable connects battery to starter. Other circuits begin at the starter terminal. If the battery-to-starter cable is loose or defective, it affects all circuits. In the event of electrical trouble, inspect the battery and starter terminal first.

The starting circuit



The ignition circuit



Ignition circuit. The ignition circuit has two parts—the primary ignition circuit, which operates at the same voltage as the other circuits we have discussed, and the secondary or high-tension circuit, which is higher voltage.

The primary circuit runs from starter through ammeter to ignition key. When the key is turned on, the current passes to the ignition coil, then to the distributor and its points, and finally to "ground" at the distributor and back through the frame of the car.

The secondary circuit is even simpler. When the primary circuit runs through the ignition coil, it induces high voltage in the coil. This high voltage runs on a single black or orange wire to the distributor. From the distributor the high voltage moves on individual wires to each spark plug. After firing the fuel in the cylinder, it returns to ground through the frame.

The secondary or high-tension circuit carries the only electricity in a car you can feel. All the other "juice" will not bother you. But keep your hands off uninsulated parts of the secondary ignition circuit when the car is running.

All heavy, black rubber [*Turn to next page*

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Know your car's electrical system

Begins on preceding page

wires or yellow-orange, varnished cambric wires between spark plugs, distributor, and ignition coil are high-tension leads. They cause more trouble when damp than the rest of the wiring put together. When these wires become wet, the spark jumps to the engine block instead of going to the spark plug. This is the site of your trouble if you have "wet wires."

Lighting and accessory circuit. This circuit energizes lights, heater, defroster, cigar lighter, radio, and other accessories. A single wire can be traced from the starter, which is the source of power, through the various switches to each of these units. If you remove a unit from its housing in the car, it will not operate, since there is no "ground" return through the frame of the car. After replacing a headlight bulb, be sure the light is secure in its shell or it will not work at all. Trouble in the lighting and accessory circuit is usually due to a burned-out bulb or fuse, worn or torn insulation on the wiring, a loose connection, or a defect in the accessory itself.

Maintenance jobs. In the starting circuit, the lighting and accessory circuit, and the primary ignition circuit you can take care of the following according to your skill and wish:

Keep the connections tight and clean. Watch battery terminals for corrosion. Replace any burned-out bulbs in light housings. In case of trouble, check for burned-out fuses, worn insulation, defective switches, and poor "grounds."

The secondary ignition circuit responds to a different treatment. On most cars, it has a maximum of nine short wires, easily reached. You should have no difficulty doing any of the following:

1. In the event of trouble, check first to see that spark-plug leads are connected to plugs and pushed tightly into the distributor cap; also that the lead from ignition coil to distributor is in tightly. Wipe dirt from distributor cap and spark-plug porcelain; it can cause shorting, especially if the weather is damp.

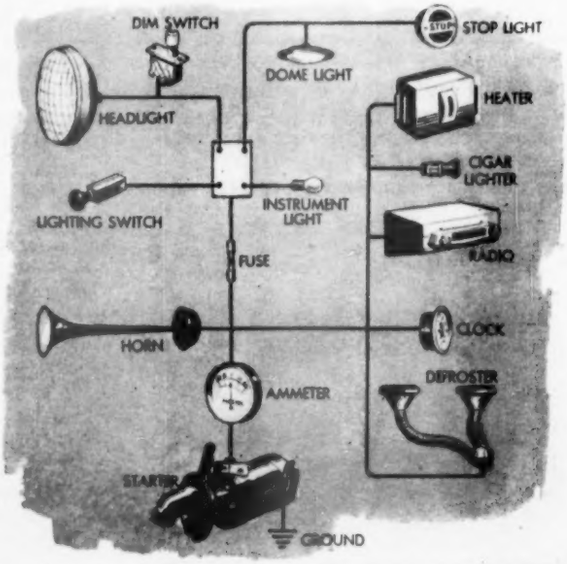
2. For a car susceptible to damp wires, you can purchase an acrylic spray at an auto-supply store or mail-order house for about a dollar. This spray comes in a pressurized can, and all you need is a little aim. Spray all of the wires well, and they will be insulated against any water and oil for perhaps six months.

Feel insulation to see if it is cracked, dried, or broken. If you are handy and want to do a thorough job, buy a new set of ignition leads for your make of car. The cost is four or five times that of the spray, but the job gives the car a new secondary ignition circuit. The new set of leads has complete instructions in it, and the only tools required are a knife, a pair of pliers, and a little patience.

Why do high-tension leads cause so much trouble? Oil spilled by a serviceman or thrown out by the engine certainly is one cause for the breakdown of this rubber insulation. Engine heat is another. But one of the greatest problems is "corona."

This sounds formidable but is simple. The voltage in the wire creates an electrical field around the wire. The oxygen in the air that comes within this electrical field is broken down into ozone (an unstable form of oxygen). This ozone attacks the rubber insulation

The lighting and accessories circuit



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and causes more damage than oil or heat.

New 12-volt system. The electrical system outlined above has remained about the same for the past decade. But beginning with 1953 models, many manufacturers are installing 12-volt systems, instead of 6-volt. Higher voltage is necessary for a "hotter" spark for higher-compression engines.

With a 12-volt system, you'll get better ignition performance, a higher generator output, a faster cranking speed for cold-weather starting, and more life from your spark plugs. You'll do this without a change in the size of your distributor, coil, generator, or starter. The actual size of your battery will be increased only 5 percent, but it will do a better job than the 6-volt type in helping the generator carry cold-weather loads, and it will not become discharged so quickly.

Against these advantages of the 12-volt system are two objections. For the time being, at least, the larger batteries will cost more to replace. And until the 12-volt system is universal, the danger is always present that someone will install a unit of the wrong voltage in your car. For example, if you replace a burned-out headlight with a 6-volt sealed-beam unit, and you have a 12-volt car, you will burn the headlight out the moment you use it. Within a few years, all cars are likely to have 12-volt systems, and this problem will disappear.

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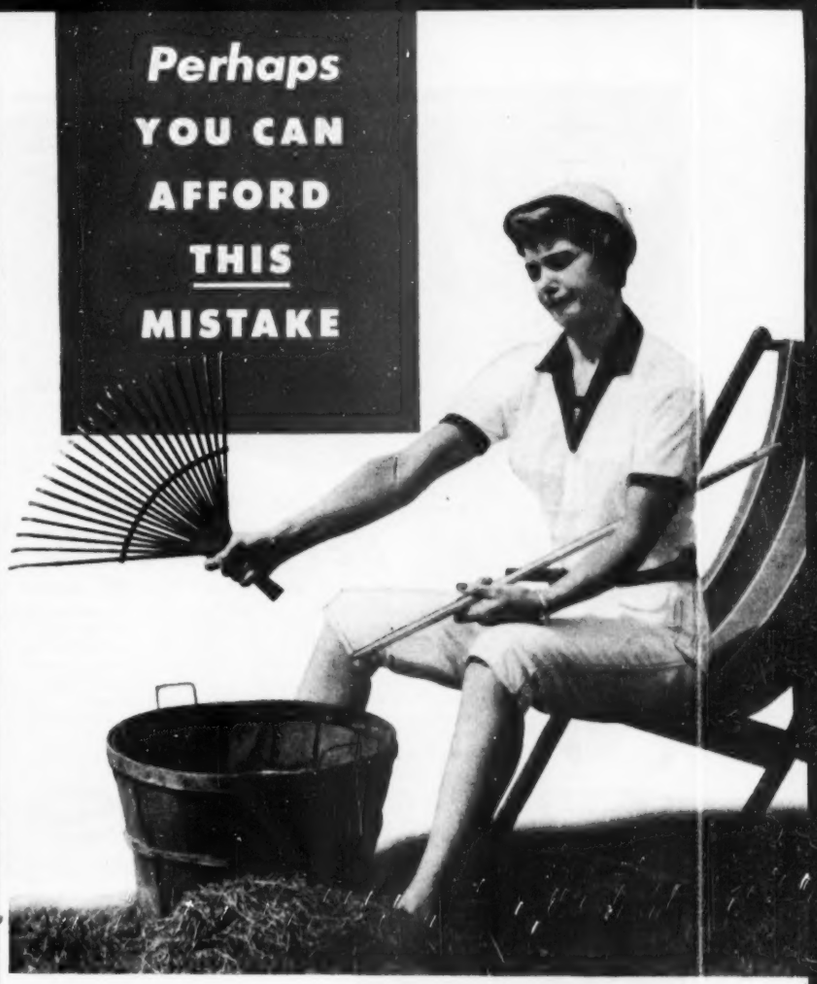
"That's silly! . . . what would the goldfish be doing in the coffeepot?"



but, you buy heating for "keeps"

She thought her new rake was a bargain! But *now* she finds it unsatisfactory. In this case, it isn't so much the *cost*, it's the annoyance.

In selecting a heating system, however, the result is different. If your *first* choice isn't right, later repair can drain your budget for many years. Careful comparison before buying is important in reducing operating and maintenance costs.

When you select a heating installation for your new home, or one you are modernizing, compare Janitrol, feature by feature. You'll learn about its longer life, its quiet, dependable performance, its overall economy.

Careful comparison before buying can save you money in the years ahead. But lower operating and maintenance costs are only part of the benefits. Above all, you assure your family lasting, satisfying comfort.

It's easy to avoid costly mistakes in choosing a heating system. Be sure to see your local authorized Janitrol dealer for the type and size of Janitrol unit that will be best for your home. His knowledge, combined with Janitrol advanced design, is your assurance of a sound heating buy. He is listed under "Furnaces" in the yellow section of your phone book.

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Decorating details

that make the difference

Photograph: de Gennaro. Decorator: Lawrence H. Kelly, A.I.D.

Dress up a door by covering panels with patterned wallpaper to match walls of the room. Or paper the panels of a door set in a plain-colored wall, to match a patterned wall opposite. For a dramatic effect, choose a design that will lend itself to the panel's shape and size, as the thistle-and-ribbon design does in this young girl's room

Photographs: Hedrich-Blessing. Decorator: Evelyn Mayer

Give a plush look to a stairway with an extended bottom step this way: Carpet the step on all sides, all the way to the floor. This will also avoid scuff marks on the light woodwork at the foot of your stairs. The rough texture of the carpet imparts a pleasing contrast to the smoothness of wrought-iron railing, the woodwork, and tile floor

More photographs on page 250

No imitation equals beautiful sterling . . .

A treasure to have, to enjoy for a lifetime, means no compromise with second best. It's wise to remember this when you buy sleep. Compare. See why a U. S. Koylon Foam Mattress and its matching foundation offer the most scientifically perfect support for sound, restorative sleep. It costs so little each night of your life to enjoy the best—U. S. Koylon Foam.

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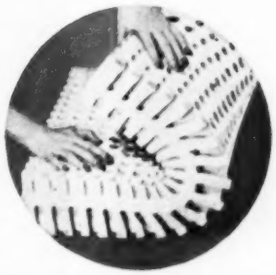
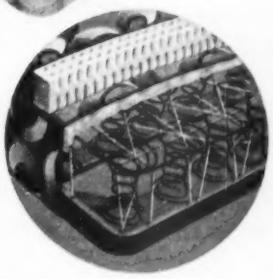
Compare! A full 4½-inch depth of finely whipped foam—that's Koylon. Cores on both sides—exclusive with Koylon—make this fine mattress soft to the finger-touch yet give correct, firm support to the body.



Compare! Only Koylon is reversible for good housekeeping. Here again, the exclusive double-cored construction is important. And for comfort, Koylon gives you over-all equalized support.



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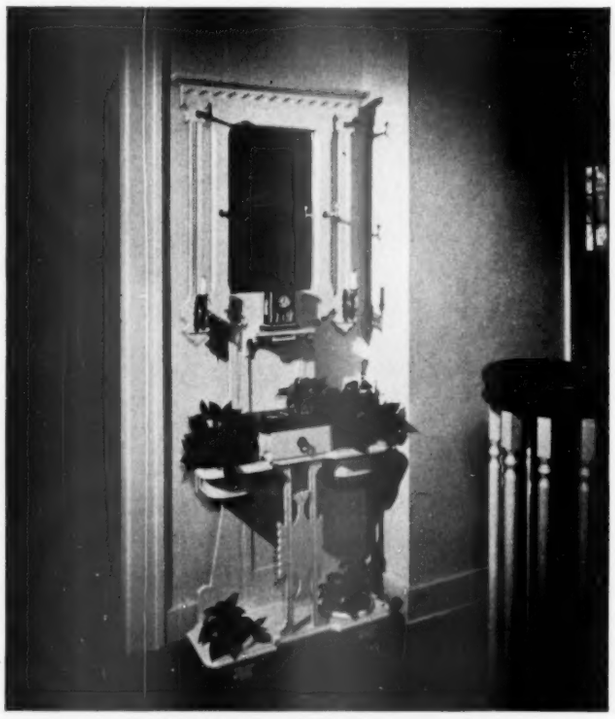
Decorating details

Begins on page 248

Decorator: Dorothy Shaw

Trim a range alcove with a copper "canopy" to suggest an old cottage-kitchen flue. It's practical, too, routing air to a ventilating fan underneath. A lantern lamp and copper skillets hanging over the range maintain the warm, homey theme. Small wall pattern and Early American hardware on cabinets carry the theme throughout kitchen



Smarten a frankly fussy old furniture piece by painting it to match the wall. This elaborate hall tree takes on a fresh new look—and becomes less conspicuous—when painted the same color as the wall. The added splash of white also helps brighten a gloomy hallway

More photographs on opposite page

Like ketchup? Then *try* A.1. Sauce on hamburgers or lamb patties!

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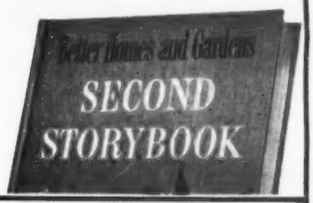

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Paint a door to contrast with your woodwork for a dramatic new interest. This door is painted a dark green, but the frame's gray. Note how the hinges are handled—each half matches its background.

On the side

Such savor and such succulence
Can chase all trace of
truculence;
No hamburger is called
complete
Without this gustatory treat,
This lagniappe of gladsome
garnish
No careless calumny can
tarnish;
Let no man call its flavor
fickle,
The inescapable dill pickle.
—*Arthur Frederic Otis*

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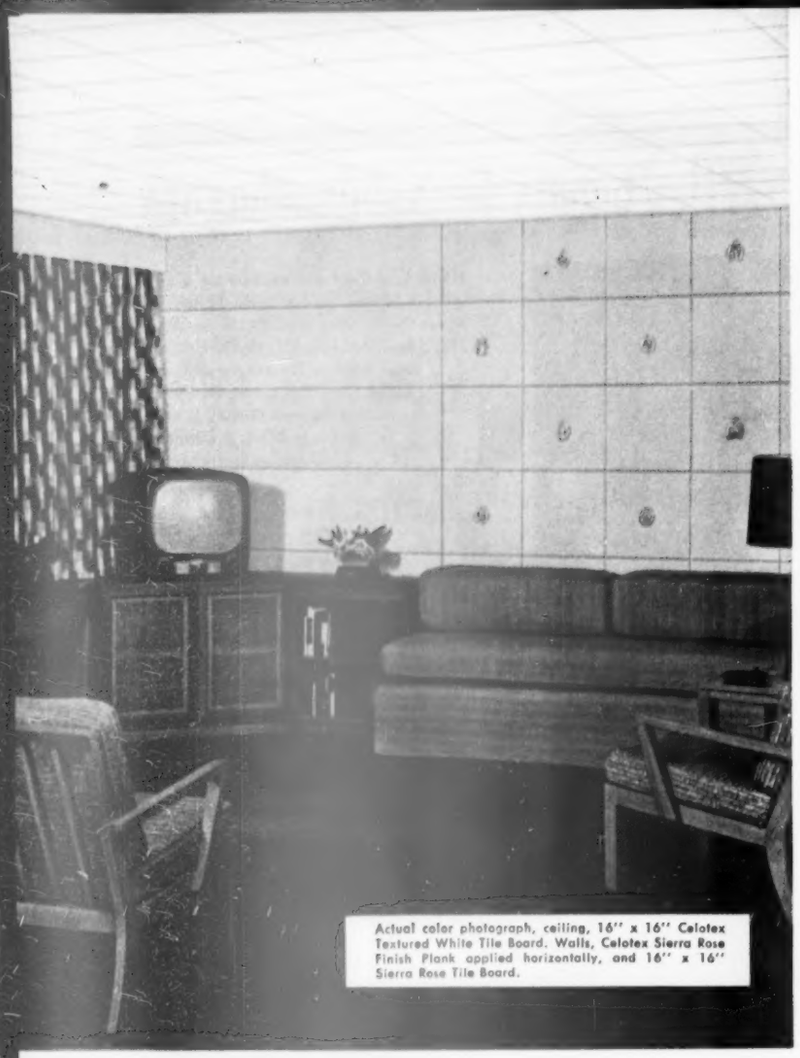
Actual color photograph, ceiling, 16" x 16" Celotex Textured White Tile Board. Walls, Celotex Sierra Rose Finish Plank applied horizontally, and 16" x 16" Sierra Rose Tile Board.

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Hinges, handles, and catches

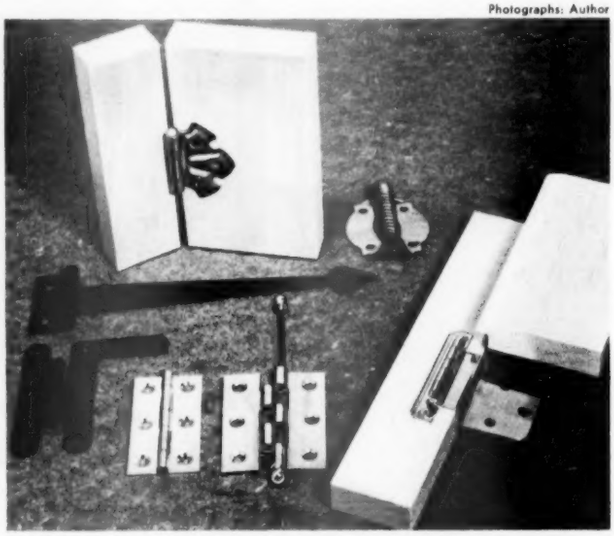
By Peter Hurd

Does your handyman project have doors, legs, drawers, shelves, or a lid? Should it be locked? If so, this second in a *Better Homes & Gardens* series on how to shop in a hardware store is for you (see April issue, page 166).

These hinges, handles, and catches are manufactured in a wide range of sizes and types, and you'll want to choose them carefully—whether for a start-from-scratch job, repair work, or a bit of remodeling.

Every hardware store won't carry all the items shown here. Some are just too specialized. But the stores will order any of them for you—simply take the picture with you when you shop. And even if you don't find the exact item in stock, you'll very often see something similar to serve your needs equally well.

Photographs: Author

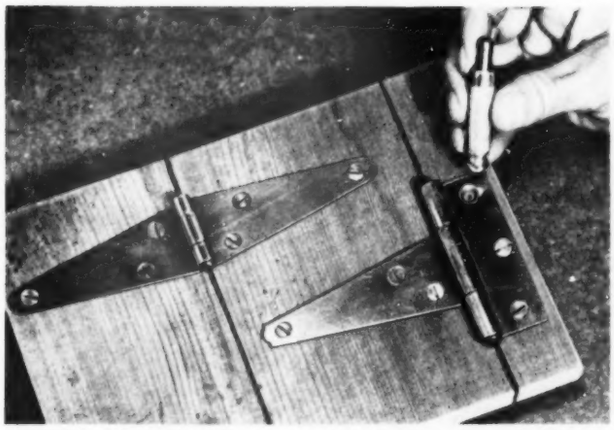


Decorative hinges, clockwise from top: brass hinge, spring-type hinge (holds doors shut automatically), offset cabinet hinge, loose-pin type (fit and adjust by removing the pins), tight-pin butt hinge, hammered antique H-L and strap hinges with popular black finish

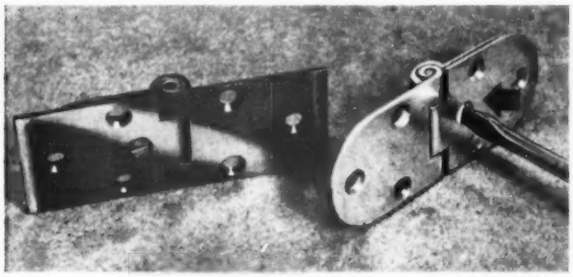
Inconspicuous hinges like these are mainly for your very fine cabinet work.

Type above mortises into the top and bottom of doors, but is thin enough to surface-mount on frames. Only the "knuckle" shows when door is in closed position.

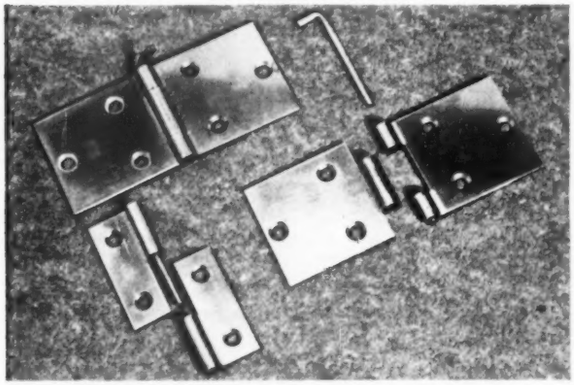
Other type requires mortises at top and bottom of *both* door and frame. It's invisible when door is closed.



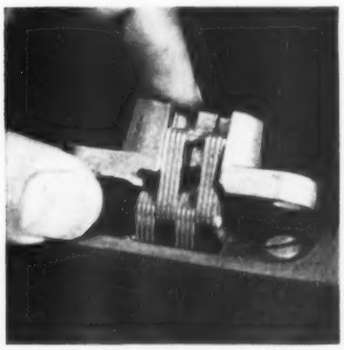
Nondecorative strap hinges (left) or T hinges (right) are used for heavy storage units. They range in length from 2 to 10 inches. Use strap-type when door mounts flat, T when it mounts on a corner post. Shown also is punch that lets you start the screw dead center



Adjustable friction hinges are used when door must remain at selected opening. Tension is adjusted by flush screw which tightens door half of hinge around pin. A double-leaf variety is available for glass mirrors — the glass clamping between each pair of hinge leaves



Demountable hinges are often used as fasteners (stage settings that must be put up, knocked down speedily). Type with bent, loose pin is shown assembled and in parts. Lower left is loose-joint hinge which is removed simply by lifting door upward and disengaging pin



Hidden hinge won't show when door closes, is rugged enough for full-size doors.

Despite the deep double mortise required, it's not hard to install since mortise ends are round and can be cut with a brace and bit.

Hinge may appear at first glance to be double swinging, but it opens just one way.

More on next page

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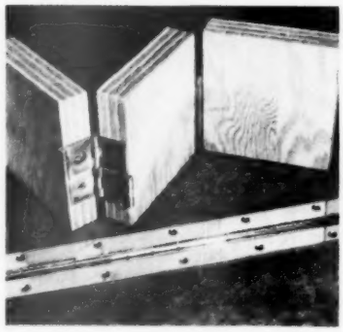
Hinges, handles, and catches



Hinge for folding screen (top right) swings either way and comes in various sizes.

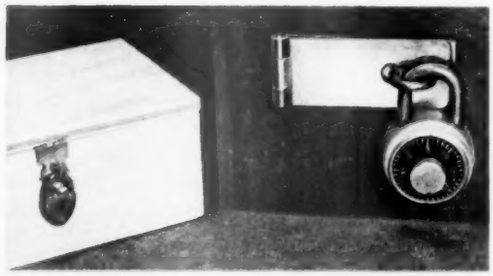
These can be mortised for tight-fitting panels, but are thin enough to allow surface-mounting on panel ends.

Piano hinge (bottom) runs full length of door to prevent swaying. Buy in steel, brass, or chromium plate; lengths to 7 feet, widths 1 to 2½ inches

Sagproof hinges have pointed teeth that you hammer in wood before driving screws.

In addition to this firm means of mounting, the hinges have extra-tight fit at pin to keep them from shifting off center with weight of door.

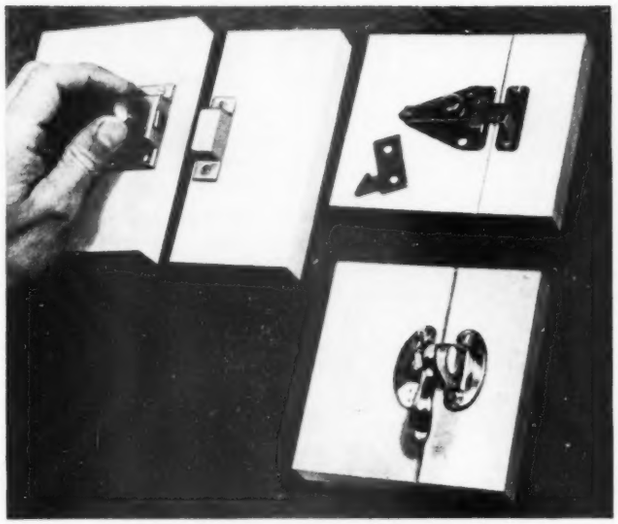
These also are available in a variety of sizes.



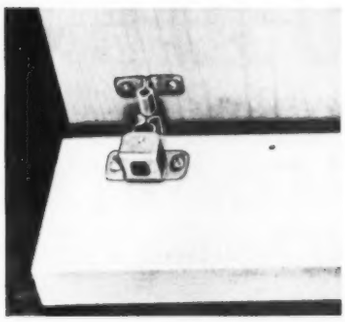
Hasp and padlock variety are shown here. Heavyweight at right won't win any beauty prizes, but can't be beat for strength. Tiny, heart-shaped padlock all but hides delicate brass hasp, matches small hinges used to lock a jewel box

Handles that are rich in design come in stamped shield and medallion (top). Below them is chromium-finished pull for kitchen-cabinet use. Next is inexpensive stamped-metal pull for light cabinet. At right is brass pull of modern design; bottom is hammered black pull

Begins on page 252



Manually operated catches are used often with cabinets, cupboards, and built-ins. Left is standard "cupboard turn." The other, made of hammered black metal, will open when knob is lifted. With "spring catch" (below) a finger hooks handle, lifting catch and pulling door open in one motion. Catch holds door shut by leverage of handle



Friction catches like this one are mounted inside door (on side opposite where the hinges are placed).

Catch has a spring to hold the grip firmly.

Another important feature is the oblong mounting slots of the catch which permit an adjustment when changes in humidity affect wood.

Hook-type catch here also mounts on inside, is often used with standard friction catch on paired doors.

Right is "bullet fastener." To install, drill hole for bullet in bottom (preferably) of your cupboard door.

Then set tiny socket in frame to line with hole.

"King-size" catch works on friction principle, is made for such large purposes as gates, bulk storage doors.

These catches require an extra-husky pull to open the door, so you'll want to mount them solidly as possible.

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So refreshing with mint

Begins on page 110

Honeydew-Mint Molds

- 1 3-ounce package lime-flavored gelatin
- 1 cup hot water
- 1 cup cold water
- 2 teaspoons lemon juice, fresh, frozen, or canned
- 3 tablespoons chopped mint leaves
- 1 cup honeydew-melon cubes

Dissolve gelatin in hot water. Add cold water, lemon juice, and mint leaves. Let stand 10 to 15 minutes, then strain. Chill until partially set. Add melon cubes. Pour into individual molds. Chill till firm. Makes 5 servings.

Minted Carrots and Peas

- 1 bunch small carrots
- 2 cups fresh or 1 12-ounce package frozen peas
- ¼ cup butter or margarine
- 3 tablespoons chopped mint leaves
- ½ teaspoon salt

Cook whole carrots in a small amount of boiling, salted water 15 minutes, or till tender. Cook peas in boiling, salted water 10 to 15 minutes, or till tender. Brown butter *slightly;* add drained vegetables, mint, and salt. Toss lightly. Makes 5 to 6 servings.

Minty Grape Cooler

- 1 cup sugar
- 1½ cups water
- 1 cup mint leaves
- 1 cup lemon juice, fresh, frozen, or canned
- 2 cups grape juice
- 1 1-pint 12-ounce bottle pale dry ginger ale

Combine sugar and water; cook for 5 minutes. Cool slightly. Pour over mint leaves. Add lemon juice. Cover and let steep 1 hour. Strain. Add grape juice. Just before serving add chilled ginger ale. Garnish glasses with sprigs of mint. Makes 2 quarts.

Mint Sauce

- ⅓ cup vinegar
- ¼ cup sugar
- ¼ cup chopped fresh mint

Heat vinegar and sugar to a boil. Pour over mint. Serve hot. Makes about ½ cup.

Emerald-isle Jelly

- 3 cups fresh mint leaves
- 2⅓ cups water
- ¼ cup lemon juice, fresh, frozen, or canned
- 1 box powdered pectin
- 3½ cups sugar
- Green food coloring

Crush mint leaves in saucepan. Add water. Bring to a boil. Remove from heat; pour into bowl, cover, and let stand 1 hour. Strain and measure 2¼-cups mint infusion; add lemon juice. Heat juice over high heat. Add powdered pectin and stir until mixture comes to a hard boil. Stir in sugar. Bring to a full rolling boil; then boil hard 1 minute, stirring constantly. Remove jelly from heat; add green food coloring until of desired shade. Skim off foam with a metal spoon and pour at once into hot, sterilized glasses. Cover jelly with ⅛-inch layer of hot paraffin. Makes six 6-ounce glasses.

Freeze these for quick meals

Begins on page 132

Dinner in a Pepper

- 8 green peppers
- 1 pound ground beef
- ½ cup chopped onion
- 2 tablespoons fat
- 4 medium tomatoes, chopped
- 1½ cups corn, fresh or frozen (3 to 4 ears)
- 1 teaspoon salt
- Pepper
- Buttered crumbs

Remove top and seeds from the green peppers; cook them in boiling water 5 minutes; drain. Brown ground beef and onion in fat; add tomatoes, corn, salt, and pepper to taste. Let simmer a few minutes. Stuff peppers; top with buttered crumbs. Package in individual freezer containers or pack enough stuffed peppers in one container for a meal. Seal, label, and freeze. Makes 8 servings.

To serve, place peppers in covered casserole and bake in moderate oven (350°) 1 hour.

On-call Waffles

- 2½ cups sifted enriched flour
- ¾ teaspoon salt
- 4 teaspoons baking powder
- 1½ tablespoons sugar
- 2 beaten eggs
- 2¼ cups milk
- ¾ cup salad oil or melted shortening

Sift together the dry ingredients. Combine eggs, milk, and salad oil; add to dry ingredients just before baking. Beat until smooth. (This is a thin batter.) Bake in preheated waffle baker. Thoroughly cool the waffles, then wrap, seal, label, and freeze them. Makes 4 to 6 waffles.

To serve, reheat each section in your toaster.

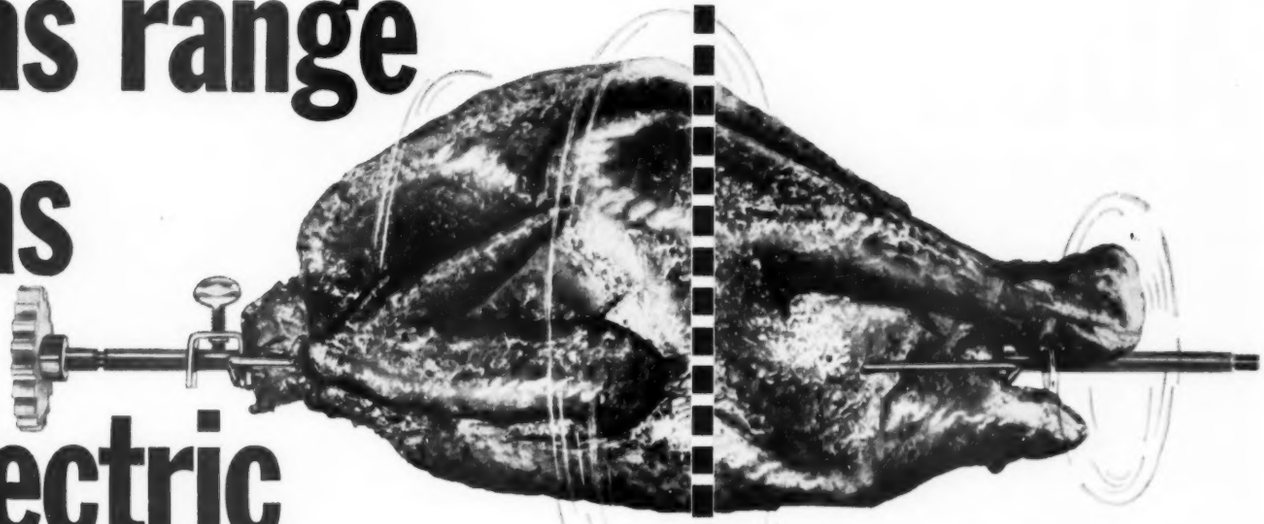
Harvest-time Stew

- 2 pounds beef chuck, cut in 1½-inch cubes
- 2 tablespoons fat
- 4 cups boiling water
- 1 teaspoon lemon juice, fresh, frozen, or canned
- 1 teaspoon Worcestershire sauce
- 1 clove garlic
- 1 medium onion, sliced
- 1 bay leaf
- 1 tablespoon salt
- 1 teaspoon sugar
- ½ teaspoon pepper
- ½ teaspoon paprika
- Dash allspice or cloves
- 6 carrots, quartered
- 1 pound small white onions
- 1 cup whole kernel corn
- 1 cup green Limas
- 1 cup green beans

Brown meat thoroughly on all sides in hot fat; add water, lemon juice, Worcestershire sauce, garlic, onion, bay leaf, and seasonings. Simmer 2 hours; stir occasionally to keep from sticking. Remove garlic and bay leaf. Add vegetables. Continue cooking 20 to 30 minutes, or till vegetables are done. Cool to room temperature. Package, seal, label, and freeze. Makes 3 quarts. Stew will keep about 6 months.

To serve, thaw in casserole in oven or in double boiler. Remove the meat and vegetables; thicken liquid for gravy.

new WELBILT gas range has electric barbecue pit!



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On back side, sleeping wing (left) and concrete-block wall enclose terrace and playground. Note how roof line rises each way from center beam (a "butterfly") for drainage advantage over flat roof

The house you asked for

Continued from page 70

integration of the family was the goal within, so should the house get along with neighbors on the block. No self-centered tricks. No attention grabbing.

On the type of roof (here a slight "butterfly"), the elder member of the Chicago discussion group noted:

"It's a matter of education. The more of these new styles of roof I see, the more I like them. That goes for flat, one-pitch, or butterfly. They make sense, too. I have a gable roof on my present house, but lately I've done some wondering about it. It seems like a waste of materials to put all the rafters and extra roof up there. And for what? A little pyramid of hard-to-get-at space that's good for nothing except collecting dust and junk. Anyway, you can engineer a perfectly flat roof so the snow load is no problem."

And thus went the discussion of design.

Youngsters, too, are in for a treat with Five Star No. 2309. The panel members preferred separate sleeping areas for each child. They felt that since the time soon would come for each to develop his own friends and interests, it made sense to start with this separation.

Indoor activity space as part of the children's sleeping quarters was a *must* with these parents. The result is a 20x10 area, fronting the children's bedrooms, that can handle a freewheeling tricycle, a rainy-day marble shoot, or the biggest doll show in town. And this play area doesn't stop being useful when youngsters grow out of the marble-and-doll age. It's just the spot for a second television, for hobbies, for active recreations that others of the family might want to do without.

Outdoors is the "fair-weather" playground—for both big and little folks. You'll find a terrace made even more inviting for the little ones by a sandbox and a graveled area for swings. Also, a generous barbecue area—with benches to seat a crowd.

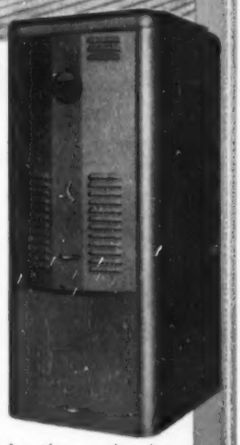
Our panel was sold on a surfaced terrace. (Here, a smooth-finished concrete that matches floors inside.) They liked the never-muddy [*Turn to page 260*

And here's that terrace room again — the entertainment center of Five Star No. 2309. White matchstick blinds keep room cheerful and bright even when drawn against direct glare of sun. Hanging ivy, clock, and lighting fixture break severity of paneled wall

Entire wall of activity area with children's bedrooms has row of colorful sliding doors (plan on page 69 shows what's behind each). You'll see here that Mother can keep an eye on this play area from kitchen. Floor is smooth concrete finished with black sealer, wax

be sure

OF COMFORTABLE, HEALTHFUL HEAT



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Be sure your heating installation is exactly suited to your home. Your comfort-conscious Century Dealer carefully studies all the details that mean efficient, *economical* winter air conditioning. Then, with your budget in mind, he tailors Century heating to fit your home whatever the style. His analysis and accurate cost estimate are free.

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This home has floors and walls that are *always* warm. Each room is covered by a blanket of sunlike radiant heat. There are no registers—no dust or odors from one room can enter another. Magic? Sure, it is. The magic of forced hot water heating with U.S. Radiant Baseboard!

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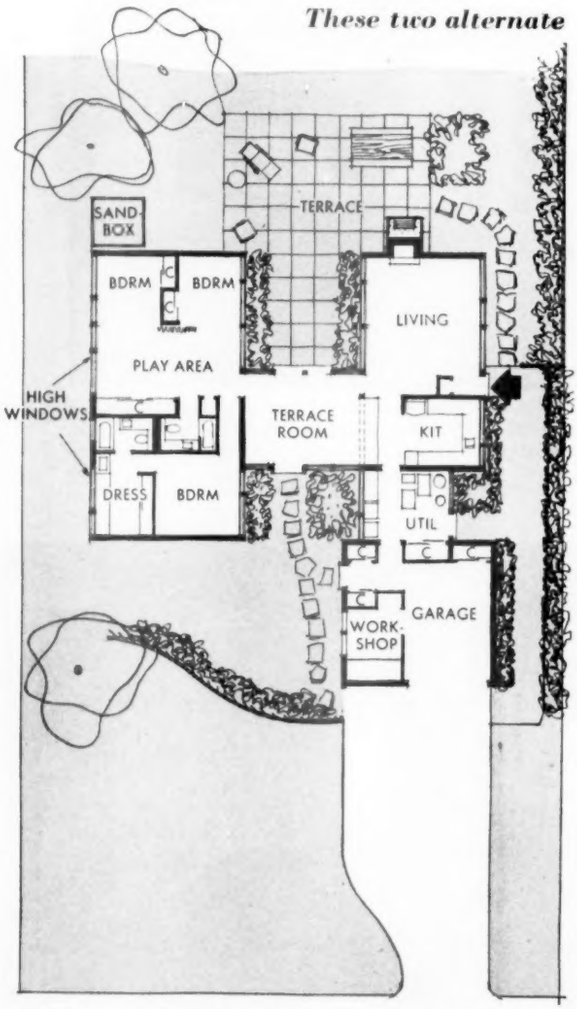
This is the house

outdoor living and play it offers, the fact that you could put furniture anywhere. They wanted no part of trying to grow grass on such a well-used part of their grounds. Nor of mowing it if they *did* happen to succeed.

These children's play areas, indoors and outdoors, take into account that the busy mother will want to keep an eye on proceedings. The kitchen, therefore, is placed to give her a strategic view (through terrace room) of the activity area in the bedroom wing and of the farthest reaches of the outdoor playground.

It's quite a kitchen, too. With the ladies having most to say on the subject, our panel came out in favor of a U-shaped plan that would mean the fewest steps between working counters, large appliances. They preferred the standard "upper-lower" cabinet arrangement. They had no single choice in materials (for counters, floor, cabinets, sink)—just so those used could take spillage and wear. And just so they made for attractive surroundings in which to work. The blend of wood, steel, [*Turn to page 262*

These two alternate



This orientation of the house is well suited for the inside city lot on the south or west side of the street. Such a facing keeps driveway short, is keyed to coolness in summer and protection from cold in winter. Service areas keep street noise from the terrace

you asked for

Continued from page 258

Children's bedrooms can be changed to meet different family situations

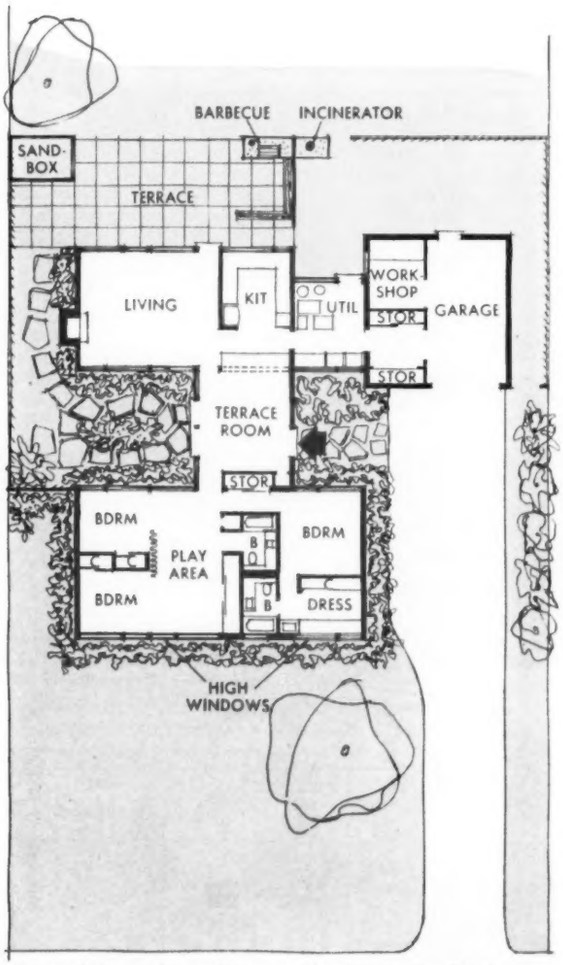
This plan is for family with children at age when having their "own" room is more important than open play space shown in basic plan (page 69).

Partitions go in place of traverse dividers to permanently define each room. Sofa bed in the former play area turns it to study-guest room.

Here, bedrooms proper are enlarged by using former play or study-guest space. Partition for front bedroom is now flush with doorway to wing.

Room at rear can take two beds, and entire area serves family with three children. Two more wardrobe units now stand between bedrooms.

orientations are suited to inside lots



For inside lot on the north or east side of the street, this alternate orientation has solid wall of living room to block winter winds; bedroom wing on south or west to shield the summer sun from main living areas. Entrance is now worked out in terrace room

All New! Faster, Quieter!

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eliminates garbage in 30 seconds!*

New WASTE KING *Pulverator.* Faster shredding, continuous feed action. Garbage load gone in 30 seconds.*

Protect family health. Eliminate garbage with WASTE KING. No attraction for flies, vermin. Safety first!

Easy to use. Turn on cold water, flip switch. *Rinse dishes—garbage gone,* flushed away by WASTE KING.

New BLUE Super "Hush-Cushions!" *Quietest* operation ever!

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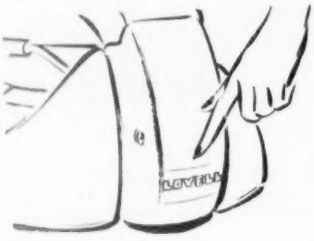
". . . you mean I haven't told you about my Lovell wringer with Automatic Safety?"

COSTS LESS — *automatically!* The price tag's smaller on a washer equipped with a Lovell wringer. And it uses less hot water, soap and electricity, costs less to repair. You save automatically when you buy and when you use it.

FAST AND GENTLE — *automatically!* No long washing, rinsing cycle to wait for. And a slight push or pull *automatically* swings the Lovell Instinctive wringer to the next operating position. Gently squeezes out dirt.

AUTOMATIC SAFETY, TOO! You get safety without stopping to think when your washer has a Lovell wringer. A slight, instinctive pull on the clothes stops the rolls of the Model 77 instantly, or releases the roll pressure on the Model 62.



LOVELL INSTINCTIVE WRINGERS are typical of the many improvements you'll find in today's efficient wringer-washers. Look for the Lovell name on the wringers of America's leading makes. Ask your appliance dealer for a demonstration.

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Pressure Cleansing Wringers

Lovell Mfg. Co., Erie, Pa.
Also makers of the Lovell gas and electric Drying Systems

You get your wash done quickest with a wringer-washer and an automatic dryer . . . and the combination costs less than you think!

This is the house you asked for

Continued from preceding page

and plastic in this kitchen satisfies on all counts.

The panel didn't go along with the idea that a kitchen, even a dressy, modern one, should be seen from the living room. They agreed, however, that ventilating fans make it possible for a kitchen to be located *near* the living room with no worry about cooking heat and odors.

The matter of a utility area for this basementless house followed the kitchen discussion. The panel rejected the idea of laundry equipment in the kitchen proper. The women were dead set against handling soiled clothing where food is prepared. They wanted a self-contained utility room that would house furnace, air-conditioning unit, and a water heater in one sector, a washer and dryer in another sector. All agreed, however, that the utility room should be close enough to the kitchen so they could work at other tasks while tending to the laundry.

The group went at the subject of storage with real vengeance. Their comments testified to years of living in houses that beg the harried questions: "Where *can* I put it? Where *did* I put it?"

Bulk storage—such things as garden and lawn tools, luggage, off-season clothing, golf bags—was the main concern. At this point in the discussion, one member asked that the panel reconsider its decision to have no basement or attic. There was just no other place to put such items. He soon had his answer on the basement: "We won't put anything down there that's subject to mildew or rust." "I'm tired of climbing stairs with a lawnmower or garden cart." "With the laundry upstairs where it ought to be, a basement just isn't worth the cost for the kind of storage it offers."

On the subject of attics, the panel echoed the member who earlier had spoken of his as a dusty catchall. The consensus: You can buy a lot of good storage on the first floor for a small part of the money you'll put into an attic or basement.

Cabinets in the garage or utility room were thought to be the best solution. But there was a general feeling that many new houses go overboard in "classifying" bulk storage. An otherwise sufficient unit is often divided into rigidly tight compartments that are good only for the specific items the designer had in mind.

And the family, itself, is subject to changing storage needs. One panel member told this story: "A friend of mine had a carpenter build a very precise compartment for his son's bicycle. In no time at all, of course, the boy grew out of the bicycle age. Now my friend has a costly unit that absolutely nothing else will fit!"

Members of the panel wanted this same adaptability in clothing storage. All favored the wardrobe-type closet to the walk-in, but saw no point in trying to engineer the wardrobe to the exact number of socks and handkerchiefs and shoes you happen to own at the moment. It boiled down to planning a definite place to put such things, then simply making a sensible but flexible estimate of the amount of storage the family will need. That's the approach of Five Star No. 2309.

In recent years, *Better Homes & Gardens* often has put this question to readers: "Is one bathroom enough for a family with children?" We brought it up again at Chicago, and the answer was the

[*Turn to page 264*

"All right, who took my snake?"

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Chemistry's Wonder Alkyd for Wall Enamels

A REVOLUTIONARY DEVELOPMENT IN WALL ENAMEL FORMULATION!

NEW ALKYD-BASE WALL ENAMELS ARE A CINCH TO APPLY...ROLL READILY...BRUSH FREELY...DRY RAPIDLY...WASH EASILY...KEEP THEIR VELVETY BEAUTY FOR YEARS

Imagine a new base for wall enamels that is head and shoulders above any other type. Such a miracle ingredient is WALLKYD, which brings to the home, for the first time, the unique wear-and-water resisting qualities featured in the sprayed-on, baked enamels used to finish today's automobiles, refrigerators, stoves and washing machines. WALLKYD is also an alkyd resin, now available in easily-applied, air-drying form.

Only WALLKYD-base wall enamels offer you *all* these advantages:

They go on easily. Anyone can paint like a "pro", do a smoother job, freer from brush and roller marks, laps, runs, sags.

They dry in a jiffy. You can put furniture and drapes back in the evening when you paint in the morning. And even if you soil the surface the next day, you'll find it hard enough to wash without marring. There's no lengthy "tender" period.

They come clean quickly. It's so easy, with soap and water, to remove fingerprints, chalk, pencil and crayon marks, dirt smudges, dust accumulations. And don't worry . . . even repeated washing won't wear away the finish.

They work on any surface...walls, ceilings, trim...plaster, wallboard, metal, wood.

They "cover" better. Solvent-thinned WALLKYD-base wall enamels actually contain more pigment and color (more paint) per gallon, which accounts for their greater hiding power per coat.

They're tops in beauty. You can't beat the delicate pastels, vibrant deep tones, longer life, greater resistance to scratching, marring and chipping characteristic of these finishes.

They're free from pungent "wet paint" fumes that smell bad, burn the eyes and sting the nose and throat.

Whether you employ a painter or "do it yourself", you'll want to get the unusual combination of features available only in a WALLKYD-base wall enamel. Write us for a list of the paint manufacturers now formulating with WALLKYD.

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Home owners want outside paints to last as long as possible so that their biggest investment in painting . . . a painter's labor or their own time . . . goes much further. That's why more and more manufacturers of exterior paints are adding WALLKYD to their formulations.

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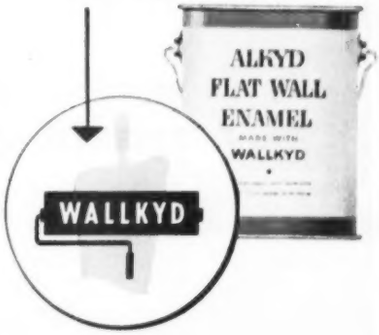
To get full advantage of the many improved properties imparted by WALLKYD, today's finest alkyd for flat wall enamels, make sure the manufacturer guarantees a minimum of 85% WALLKYD in his "vehicle solids".



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Harder-Freez Uprights —15, 20, 25, and 35 cu. ft. capacity. Note handy Chalk-up Chart

LAST WORD *in freezer beauty...and convenience*

Easier inventory, with Chalk-up Chart! Easier juice storage, with Jiffi-Juice Racks! Easier packaging, with Packaging Pantry! These and many more features are yours with Harder-Freez—the freezer that's 9 ways easier! Find out more about the new Golden Leisure Line . . . whisper-quiet, fanless operation . . . superb new styling . . . amazing savings! See dealer or write today!

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NAME_____

ADDRESS_____

This is the house you asked for

Continued from page 262

same emphatic "No!" we had heard across the country.

Following is a typical remark: "Sure, a second bathroom is going to raise building costs. But it won't be money spent on a luxury—at least my family doesn't think so. We're just plain fed up with our single-bathroom situation."

But this added cost demanded a solution. It was: Reduce each of the two bathrooms in size and detail. You still would be many times better off than with a single bathroom—no matter how large or luxurious. And the cost difference would be substantially less.

To spare the parents still another invasion of their sleeping-dressing quarters, this second bathroom is placed to serve guests as well as the youngsters. There's also a lavatory in the dressing sector of the main bedroom. The panel felt this would overcome the morning-rush problem, and would be a handy accompaniment to the built-in vanity and dressing counter.

"How important is it to you men to have a place to do woodworking or other hobbies beyond standard maintenance and repair?" This was another question we had asked many times of our readers. In Chicago the majority answered as expected: "It's very important!"

Where? Well, the basement was out, so make the workshop a part of the garage. Certainly they wouldn't have power tools thrown in with any general family recreation area. The noise and the safety problem with children ruled that out. Too, these men wanted a place they wouldn't have to clean up after each evening's work. As one put it:

"When I'm in the middle of a project, I want to be able to walk away and leave things as they are until tomorrow night. If I have to take time to clean it all up, I'll lose interest quickly. Anyway, good work is an art. A fellow should have a place where he can concentrate on it."

To serve families without the workshop bug, garage dimensions are adaptable. You could use the shop space for additional storage, or the present 19-foot width of the garage could handle two cars.

How to get plans for this house

Better Homes & Gardens Five Star Home No. 2309 is one of a series of one- to four-bedroom homes which make up our Five Star Home Plan Service. This service—through which you can buy plans for the home of your dreams—includes the following:

★ **Designs by America's foremost architects,** ranging in style from Cape Cod to Contemporary, and all planned to give you maximum comfort, convenience, and beauty for your building dollar.

★ **Detailed working drawings,** from which your builder will erect your home, are complete in every way. The cost is *$5 per set* (slightly higher in Canada), plus state sales tax, including . . .

★ **Complete specifications** which outline quality of materials and workmanship that will assure sound construction; and . . .

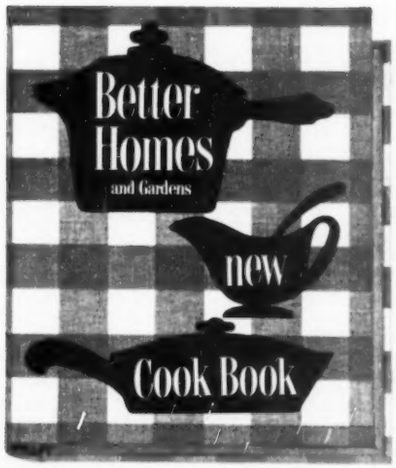
★ **Contractor-and-owner agreement,** a suggested legal contract which will make sure your home is built as specified.

★ **Cost-finding list of materials** is available for an additional *15 cents*. With this list your builder or building materials dealer can compute in advance the cost of your new home.

These home-planning materials may be ordered from the firms listed on page 306, from your local building materials dealer, your bank, or direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

"I walk by here every day or so. It's the only thing that gives me the courage to go on."

As new as this issue of
Better Homes and Gardens



Introducing

Your PERSONAL Cook Book...

A New Idea Of What A Cook Book Should Do For You

Women of America, how do you feel about this idea?

We say that a kitchen cannot be modern unless the cook book is modern. To be modern, a cook book must offer these five advantages . . .

1 It must help the homemaker KEEP DOWN FOOD COSTS.
2 It must help her SAVE TIME AND WORK.
3 It must feature recipes that modern America likes (many of which are quite different from the favorites of only yesterday).
4 It must offer more than just recipes.
5 It must be so constructed that it becomes Your PERSONAL COOK BOOK.

With this five-point idea in mind, the Editors of *Better Homes & Gardens* have prepared the *NEW* COOK BOOK. It is offered for your approval.

HELPS KEEP DOWN FOOD COSTS

The cost of food today IS a problem. The *NEW* COOK BOOK tackles that problem. It features economy recipes. It features recipes for turning leftovers into zesty dishes. But the *NEW* COOK BOOK doesn't stop with thrift in the kitchen. It gives you thrift-guidance IN THE FOOD STORE—how to select cuts of meat with an eye on the budget, for instance. The *NEW* COOK BOOK has enough thrifty hints in its pages to pay for itself in the savings made on food costs. Indeed . . . women who studied advance copies estimate it will help an average family save 12 times the cost of the book in a year.

HELPS SAVE TIME AND WORK

Even before you open the *NEW* COOK BOOK, you'll see that it's a work-saver. Sections are indexed by handy tabs. Binding is 5-ring, loose-leaf so that pages lie flat. No more holding the cook book with one hand while stirring with the other. Page booster prevents torn pages. The cover can be cleaned with a damp cloth.

The *NEW* COOK BOOK makes it easier for you to FIND recipes—while its legible type-face makes it easier for you to READ recipes. And you get the easiest way of preparing each dish. More! You get many tested shortcuts, time-saving ideas and advice on coaxing the most out of modern work-saving appliances. The book is filled with helpful illustrations, charts and four-color photographs.

Yes, you will find cooking easier and more pleasant with this most modern of cook books.

RECIPES MODERN AMERICA LIKES

Here's how the recipes were selected.

We took more than 100,000 recipes—mostly sent in by our readers—and tested them THREE TIMES. They were tested for PERFECT RESULTS, for EASE and ECONOMY of preparation and for TASTE and APPEARANCE. Then they were published in *Better Homes & Gardens* and approved *by our readers*—millions of readers. 1403 of these triple-tested recipes were overwhelmingly favored and these are the recipes in the *NEW* COOK BOOK.

Yes indeed, there's enough good eatin' in this book to keep your family happy for the rest of your life.

A LOT MORE THAN JUST RECIPES

The *NEW* COOK BOOK doesn't stop with recipes.

Modern American homes are nutrition-conscious and calorie-conscious. The *NEW* COOK BOOK contains nutrition and calorie charts. It includes a chapter on setting the table and table etiquette. It offers sound advice for shopping, storing and preserving. Even some of the recipes themselves are more than "just recipes". Lunch-box recipes and picnic recipes, for instance.

IT'S YOUR PERSONAL COOK BOOK

The *NEW* COOK BOOK is complete—exactly what home-makers told us they wanted. But its loose-leaf construction makes it possible for you to personalize your copy. You can rearrange the pages so that all your favorite recipes are in one section. You can insert pages with special recipes of your own. You can insert pages of notes. With the *NEW* COOK BOOK, you not only HAVE the most up-to-date book of its kind, you can KEEP it that way.

If You Already Own The Old Better Homes & Gardens COOK BOOK . . .

You must wonder how the *NEW* COOK BOOK could possibly be better or more handy. Be assured that it is. All the features that made the old COOK BOOK outstanding are still there and greatly improved. There are 38 NEW features and 50% more recipes. Illustrations have been doubled in number and all are new.

Here are a few of the NEW features . . .

- New recipes
- New meat charts
- More and better step-by-step illustrations
- More color illustrations
- Expanded meal planning guides
- New Chapters on Jiffy Cooking and Outdoor Cooking
- Dozens of new "specials"
- 1403 recipes—411 pages

We could continue this list almost indefinitely. But you can already see why *Better Homes & Gardens NEW* COOK BOOK will find its way into every woman's kitchen.

Better Homes & Gardens NEW COOK BOOK is on sale wherever books are sold. Or, you can order by mail from Better Homes & Gardens, 7509 Meredith Building, Des Moines 3, Iowa. Either way, price is only $3.95. (In Canada, $4.50.)

Better Homes & Gardens

NEW Cook Book

Don't let a problem spot stop you, there's

Extra living space in your attic

By Helen Stark

Attic chopped up by a stairway?

Here's how to decorate around it

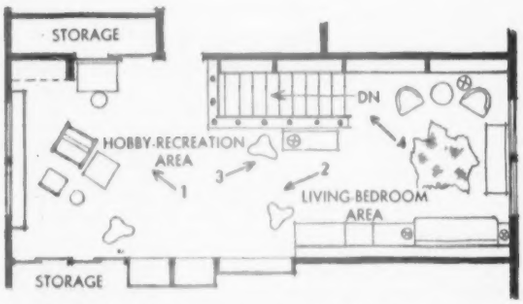
Wish you had an extra bedroom? Or a special spot where you can get off by yourself and putter with your hobby? Or maybe a family funroom to pack in the young crowd on a Saturday night?

You can make room for the extra living areas you need, the way the Jack Wittrups of Levittown, New York, did—by putting your unused attic to work. And if your attic is a problem one, as the Wittrups' was, here's help for you. If you have an attic cut up by a central stairway, make the stair well play an important part in the room's arrangement. Let it act as a divider to separate the areas of the room. Dress it up and make it a dramatic, but functional point of interest in your attic.

Look over these and the following pages for ideas to help you solve your attic puzzlers—attractive ways to turn your unused attic into important extra living space for your family.

1 Hobby area fills one end of attic, opposite the living-bedroom area. This section of the attic can be partitioned off by the bamboo screen at right. Low doors open to storage space under the eaves; the higher door behind screen leads to a storage room. An air conditioner, ceiling ventilating fans keep the attic comfortable in the summer

Photographs: Howland. Decorator: Beatrice West, A.I.D.

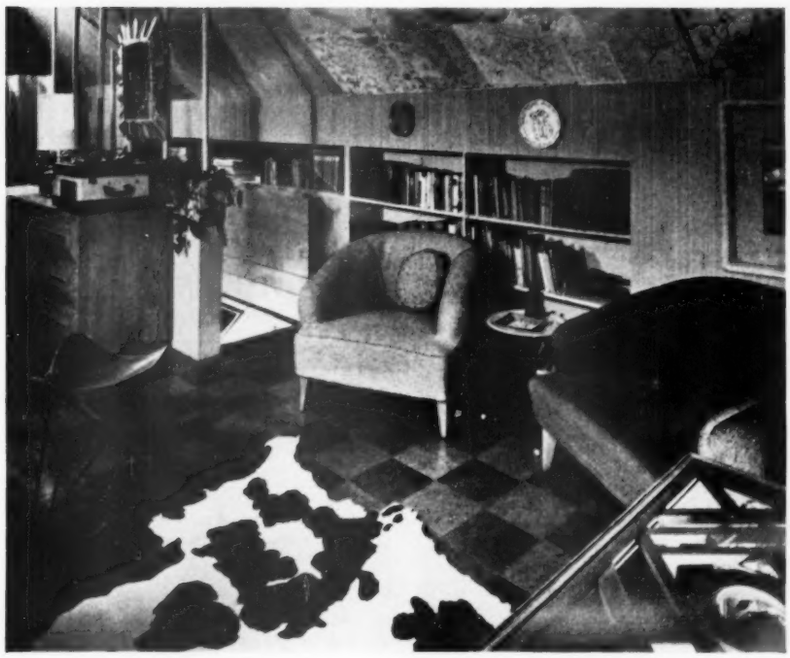


Attic is furnished to form activity areas for reading, conversation, sleeping, record-playing and dancing, and hobby-working. Bed slides under the eaves, pulls out to make a double bed. Numbers on plan correspond to photographs on these pages

2 Leather stirrups for drawer pulls, branding irons, leather-seated saddle stools carry out Texas motif. Shelves built in under eaves hold records and hobby supplies (behind sliding doors). Stools provide seating for record fans, push back to make room for dancing

3 Problem stairway in center of attic now is accented by closet rods to suggest partition between living-bedroom-playroom (pictured) and hobby area. Let your fancy run free when you decorate your attic — it's a natural for decorations like the rug, antlers, and maps used here in a Texas theme

BEFORE In the Wittrups' unfinished attic, good space was going to waste, used for nothing but an unhandy catchall area. An ugly staircase cut into the center of the room, posing a difficult problem of how to decorate

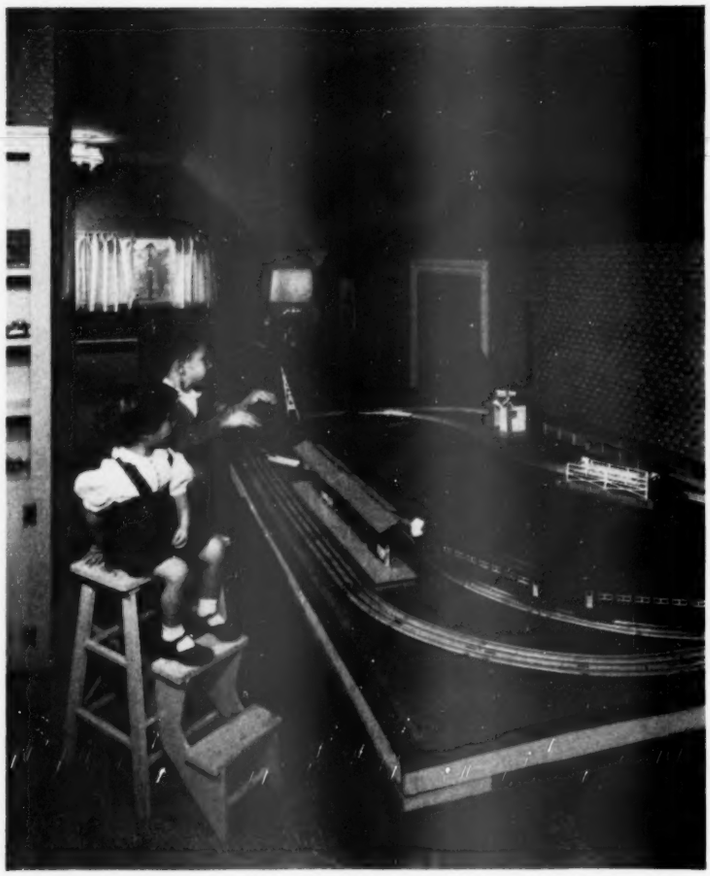


4 Rows of bookshelves make use of wall space behind door to stairway. Chest of drawers against staircase helps to separate areas. Walls were finished with fiberboard, painted, rubbed off, and varnished

Turn to next page for ideas to help you decorate an attic around a central chimney ⟶

Extra living space in your attic

Continued

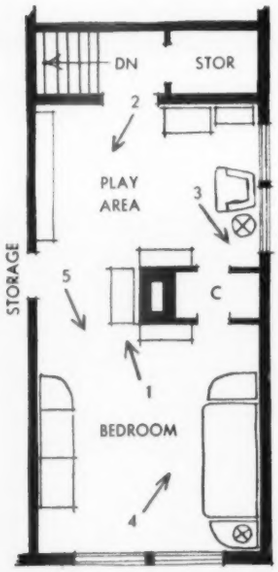


Flank a central chimney with closet, bookshelves, to separate attic rooms

THINK your attic's impossible because it has a chimney shooting up through the middle? Then here's an idea: Camouflage the chimney with a closet and bookshelves, the way the Milton Garin family did.

By covering the brick chimney with wallboard, and extending partitions of wallboard from either side of the chimney to the eaves, the Garins formed a closet the depth of the chimney. With the attic area divided in two, one part was turned into a playroom for the nursery-age youngsters; the other became a boy's room.

BEFORE A few items were stored in the attic, but lots of space was left to develop. Even with problem chimney in center, two rooms, a closet, storage space were added

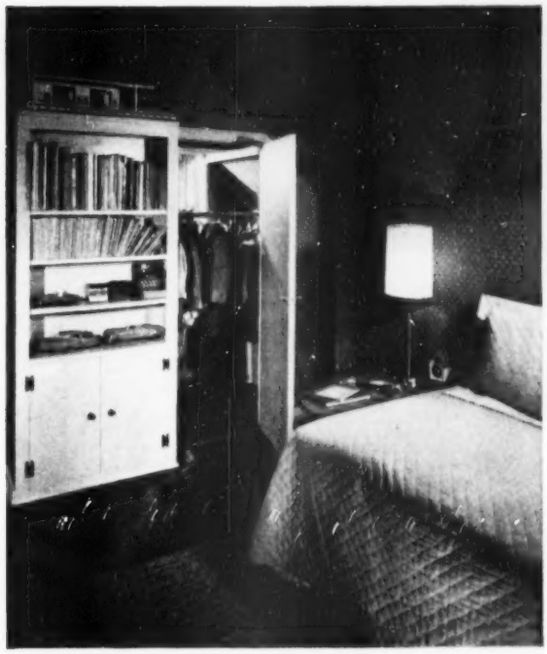


Planning attic rooms around center chimney gave ample, well-organized space. Air conditioners control summer heat

1 A large storage area underneath the eaves holds big toys, summer furniture, luggage, and other items.

The shoe bins on the door are designed to see the Garin's boy through to college days — they're large enough for size 10's or 12's to come.

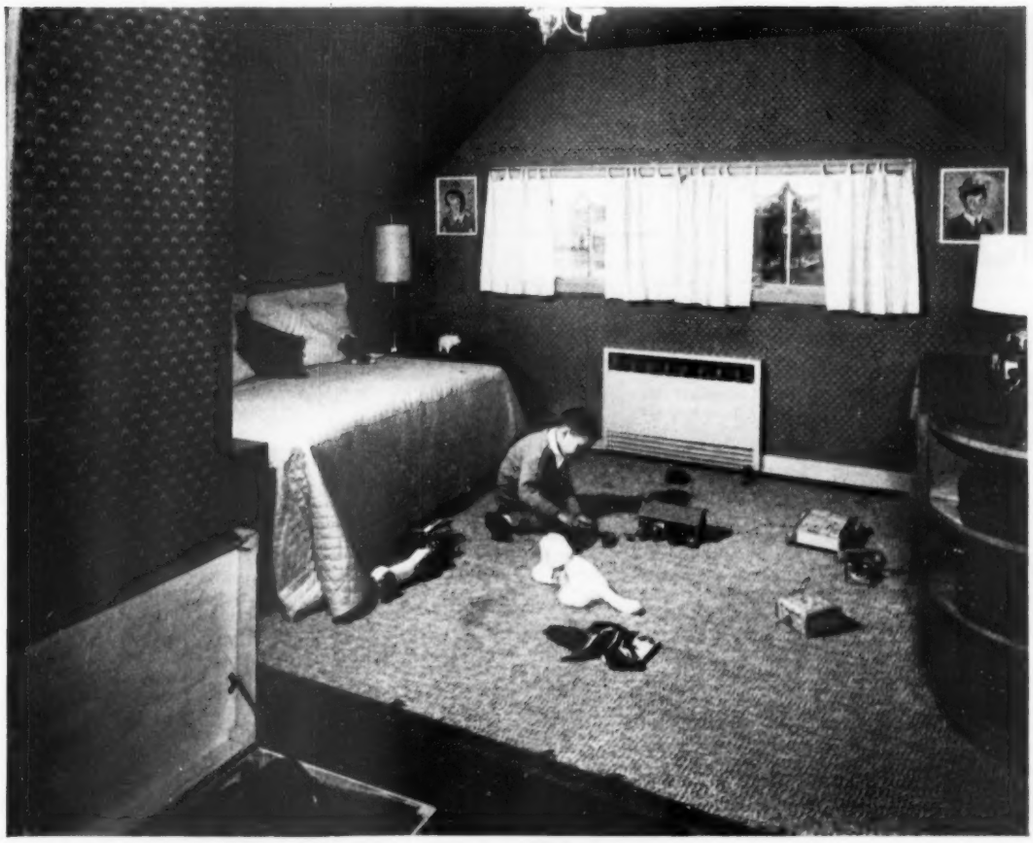
3 Closet between chimney and wall can be opened from the playroom (shown here) as well as from the boy's room. Bookshelf-cabinet, which matches one on the opposite side of chimney, was covered on the outer side to give it a built-in look. Cabinets were from the living room



2 A large train table folds out from one wall of the play area. When table is in use, legs swing down and fasten with big hooks. Tracks, station, and signal towers are attached permanently. The storage-room door in background is papered to match the wall

1 Closet is good size, keeps garments at a convenient height for the reach of a nursery-age youngster.

The rugs in both rooms are of washable cotton, ready to take plenty of wear and tear from active young feet.



5 Beyond chimney-closet partition is boy's bedroom, large enough to accommodate an extra cot for young overnight guests. Folding cot is kept in storage area under the eaves.

At the left, placed against the chimney wall, is a large chest for storing toys and play supplies.

In the background, under windows, is air-conditioning unit.

For more ideas to solve your attic-chimney problem, turn to page 272

You saw it on page 65 of this issue . . .

you can actually see Five Star Home No. 2309 in these cities now

Visit the model of this home in your area during NATIONAL HOME MONTH!

Here's the home you told us you want . . . full of fresh new ideas, new products—all designed for today's way of living. Find the city nearest you where you can see it. Addresses of all model homes are given with names of builders who constructed them and stores that furnished them. Watch for local announcements of the opening dates.

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Birmingham, 2304 Chestnut Road, Vestavia Hills
Built by: Byrd Real Estate Co., Inc.
Furnished by: Loveman's

ARIZONA

Phoenix, 7630 North 6th Avenue
Built by: Paul Guerin
Furnished by: Dorris-Heyman

ARKANSAS

Little Rock, 7108 Elmhurst Drive
Built by: W. S. Daniel Co., Inc.
Furnished by: Steinkamps Home Furnishers

CALIFORNIA

Palo Alto, Ladera Menlo Park
Developed by: Hare, Brewer & Kelley, Inc.
Built by: Alland and Company
Furnished by: Henrique's

Portuguese Bend, No. 15 Cinnamon Lane
Built by: Palos Verdes Corporation
Furnished by: Barker Brothers

Sacramento, 5311 71st Street
Built by: Ronne, Ronne & Ronne
Furnished by: Brouner's

COLORADO

Colorado Springs, 1014 Jupiter Dr., Skyway Park
Built by: Modern Home Builders
Furnished by: Home Furniture Guild Galleries

CONNECTICUT

Cheshire, Cedar Lane
Built by: Lester Harris, Jr.
Furnished by: Komisar Furniture Co., New Haven

FLORIDA

Jacksonville, Highlands Subdivision
Built by: Cowart Brothers, Inc.
Furnished by: Cohen Brothers

Pensacola, 2915 North Blackshear
Built by: Jack Q. Smith
Furnished by: Marston and Quina

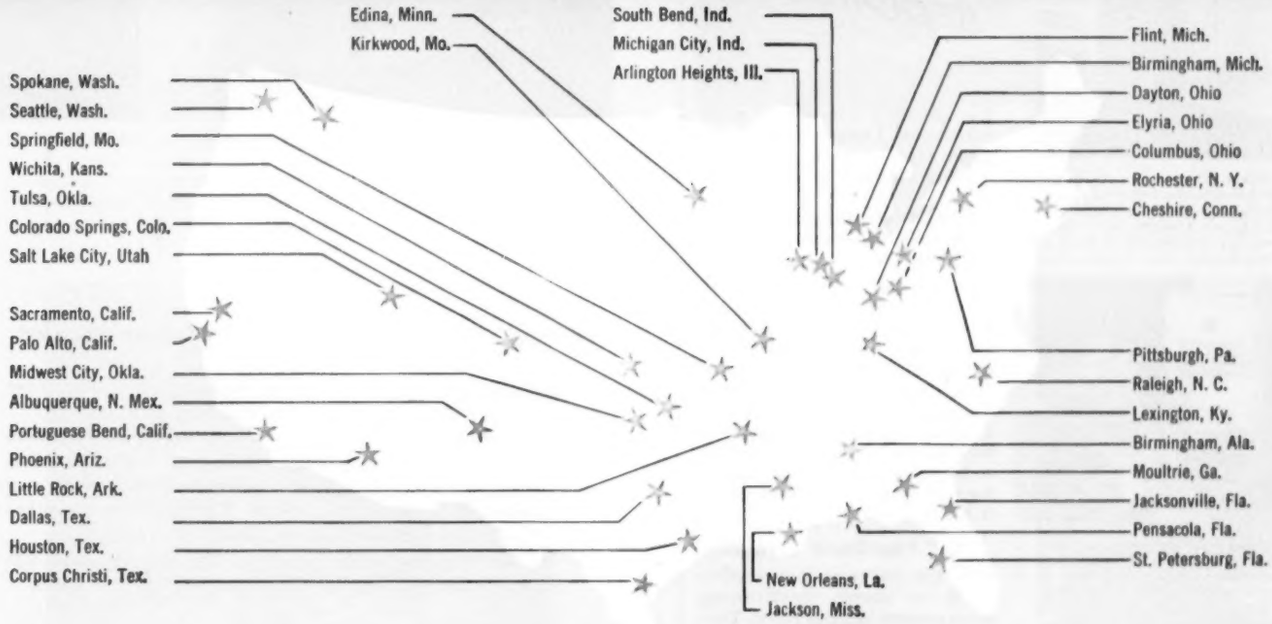
St. Petersburg, 202-171st Avenue, North Redington Beach
Built by: Siefferman & Miller, Inc.
Furnished by: Maas Brothers

GEORGIA

Moultrie, Country Club Subdivision
Built by: Leo T. Barber
Furnished by: M. W. Majors Furniture Company

ILLINOIS

Arlington Heights, 215 West Orchard Avenue: Corner of Chestnut



Built by: Trude Land Development Company
Furnished by: John Smyth

INDIANA

Michigan City, 110 Boyd Avenue
Built by: General Construction Company, Inc.
Furnished by: Shon Furniture Company

South Bend, 1631 Southbrook Drive
Built by: Place & Company, Inc.
Furnished by: Robertson Brothers

KANSAS

Wichita, 2230 North Belmont
Built by: Ken Stowell Co., Inc.
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Lexington, Rebecca Drive, Hinda Heights
Built by: George C. Martin Company
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LOUISIANA

New Orleans, West Henfer Avenue, Henfer Park
Built by: L. P. Smith
Furnished by: Nu-Idea Furniture Company

MICHIGAN

Birmingham, 18050 Kinross Avenue, Beverly Hills
Built by: Miller Homes, Inc.
Furnished by: The J. L. Hudson Company

Flint
Built by: Gerholz Community Homes, Inc.

MINNESOTA

Edina, 5301 Chantery Drive
Built by: Harold R. Rosendahl Construction Co.

MISSISSIPPI

Jackson, 3925 Old Canton Lane
Built by: Kimbrough Homes, Inc.
Furnished by: Sid Jones, Inc.

MISSOURI

Kirkwood, 719 Craig Woods Drive
Built by: Burton W. Duenke Building Company
Furnished by: Minna Elman

Springfield, 19 Brentwood Boulevard
Built by: Glenn L. White Company
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Built by: C. W. Sharp & Sons, Inc.
Furnished by: Town & Country Furniture Shop, Inc.

Elyria, 206 Miami Avenue
Built by: Gene Resar, Builder
Furnished by: Burke Furniture

OKLAHOMA

Midwest City, 2824 Bella Vista, Ridgecrest Country Estates
Built by: K. H. Flanery
Furnished by: O. K. Furniture & Rug Company

Tulsa, 3717 South Birmingham
Built by: Nuckolls Construction Company

PENNSYLVANIA

Pittsburgh, 1269 Pinewood Drive
Built by: Edward M. Ryan, Inc.
Furnished by: Charles E. Beck & Company

TEXAS

Corpus Christi, 307 Meldo Park Drive
Built by: Fry & Cochran
Furnished by: Showroom of Finer Furniture and Lichtenstein's

Dallas, 4130 South Better Drive
Built by: Truett A. Bishop
Furnished by: Rick Furniture & Carpet Company

Houston, 4901 Libbey Lane
Built by: Frank W. Sharp Construction Company
Furnished by: Suniland Furniture Company

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Salt Lake City, 2782 St. Mary's Way
Built by: Peak Improvement Company
Furnished by: Southeast Furniture Company

WASHINGTON

Seattle, East 73rd and 42nd, N. E.
Built by: Albert Balch, Community Builder
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Spokane, 5103 Northwest Boulevard
Built by: Seneca Construction Company
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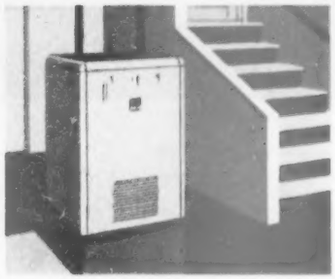

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Extra living space in your attic

Continued

BEFORE The Wharton's problem attic had a chimney cutting through the center, was mainly waste space. With smart planning, attic was finished to provide two bedrooms, a study-playroom

AFTER

Problem chimney makes a handsome divider

TURN YOUR problem attic chimney into a decorative asset! Let it be a divider between your attic rooms.

That's how the Irving Whartons solved the problem of a chimney in the middle of their attic. They ran partitions from the chimney back under the eaves to make two bedrooms for their young sons. The space on the other side of the chimney became a study-playroom.

The chimney, which jutted out into the playroom, was flanked with shelves for books and boyhood treasures.

3 The study-play area has individual desks for studying, hobby-working. Notice how the grain of the wall finish runs vertically up to the window level, and then runs horizontally, for variation. Floors are waxed hardwood. Blinds without curtains give room tailored look

1 Chimney, decked out with shelves, takes on the look of a fireplace and mantel. Doors on either side lead to twin bedrooms. A type of fiberboard, stained brown, was used to finish walls of the three rooms, cabinet, and the front of the chimney

2 Built-in drawers under the eaves save space in bedrooms, provide handy storage.

A narrow headboard was built for each bed, and adjustable lamps were attached to wall above the beds.

Each boy's bedroom also has a good-size closet.

Chimney in center makes a natural divider to help separate the attic rooms, as well as provides a dramatic center of interest.

Numbers correspond to views of photographs on these pages.

It happens each time you play—

Hammond Organ illustrated above is the Home Model – price on request.

You press the keys of the Hammond Organ. The song of skylarks—the brilliance of brasses, the whisper of willows come alive as you play. This is music that relaxes you . . . refreshes you . . . renews you. And it happens each time you play.

Your family joins the fun when there's a Hammond Organ in your home. For even your youngsters can swiftly capture the beauty of music, the feeling of kinship that comes with playing such an instrument. What's more, even beginners on the Hammond Organ play surprisingly fine music the first month. And your friends like to visit a home where they may share the fun of music-making.

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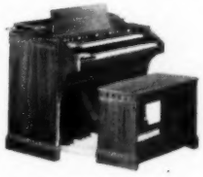

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Concert Model has 32-note AGO pedal keyboard and an additional Pedal Solo Unit, tunable to preference by the organist.

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☐ Home Model ☐ Concert Model

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Start your dog today on his way to a

LONGER PRIME OF LIFE!

Nourish every inch of him with
NEW HOMOGENIZED* GAINES MEAL
...and after *just one month* look for these 10 signs of sturdy health...the LIVING PROOF of how this great new food is nourishing your dog!

***Here's what Homogenized Gaines Meal is, and what it does:**
Never before has there been a dog food with such a wealth of nourishment in this easily digested HOMOGENIZED form. This revolutionary food has been developed by Gaines—and Gaines alone. All ingredients are combined into *crunchy little nuggets.* Every nugget contains all food essentials known to be needed to help keep your dog in his prime, including more proteins of *meat, milk, and fish.* Uniform nourishment is *guaranteed.*

ACTUAL SIZE

Great appetite appeal! Low feeding cost! Here is the dog food you have always wished for. It has an appetizing, "meaty" aroma, is easily fed and costs less to feed than any other type of dog food. And *above all,* it's a food to help prolong your dog's happiest years, when he's in the **Prime of Life**—the way you want to keep him *always!*

Gaines

A Product of General Foods

Nourishes EVERY INCH of your Dog

Your pet and mine

By Russell K. Lowry

Cats can be useful household pets

Cats have been domesticated for centuries and are a favorite household pet of millions. Many people believe that the mere presence of a cat in the house will discourage mice. Contrary to popular belief, cats hunt mice and rats for sport, not for food

Diet is simple but important

Some manufacturers prepare special food for cats, but many prepared dog foods are made up for cats also. Beef, cooked or raw, mixed with chopped vegetables and cereals, is a good diet. They like milk as an occasional treat or light morning meal

Cats make good family pets. They require practically no time or effort on your part, are resourceful and intelligent, instinctively look after their own comfort and welfare

Housebreaking is no problem

Fill a shallow box with sand and place it beside your cat's bed. Do this right away, even though you have a young kitten. He'll instinctively use it. Crumpled or shredded newspaper will do if sand isn't available. A kitten can start using it at three weeks

Photographs: Harriet Arnold

Cats are among the cleanest of pets

Cats do a good job of keeping themselves clean by licking and preening their own fur. You can help remove the dead or brittle hair by brushing once a day. This keeps him from swallowing fur which can form hair balls, obstructing the intestines

More on next page

A BEAUTY COURSE FOR KITTY

IN EVERY CAN

Easy to feed... and just what they need

Your reward comes quickly when you feed Puss 'n Boots

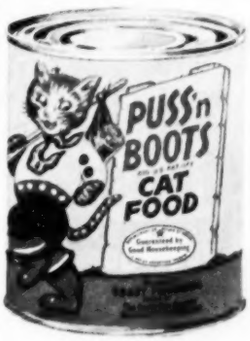
Yes, in just about three weeks...perhaps less if you feed this balanced cat food *regularly*...you'll know the pleasure of having a more beautiful pet. You'll see fur that gleams and eyes that sparkle in a way you hadn't thought possible. And for a second reward, you'll be saving time and trouble, for feeding Puss 'n Boots is as easy as opening a can.

Here's why it's so good

Improvised diets and table scraps almost never meet a cat's nutritional needs completely. But easy-to-feed Puss 'n Boots is scientifically prepared. It contains all the proteins, minerals, carbohydrates and vitamins known to be needed by cats.

Made just for cats

Puss 'n Boots is made from specially caught *whole* fish, with all the flesh as well as the important glandular elements left in. Seven selected cereals are added to furnish greens and roughage. Scraps and fillers are never used. So Puss 'n Boots is *all* cat food...the finest you can buy if you want a more lovable pet. Convenient 8 oz. size or large economy 15 oz. size.



Coast Fisheries, Division of The Quaker Oats Co., Wilmington, Calif.

PUSS'n BOOTS

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Champion Prune's Own Yukon always seems to know when talk in the gun room centers on pheasants and quail. This English Setter's tireless performance in the field is beautiful to watch. Dash has played an important part in maintaining his robust health. Your dog, too, will thrive on Dash. In Dash your dog receives liver—*the richest of all meats*—plus every other food factor he needs each day. Nothing is left out. Best of all, Dash supplies these vital ingredients in perfect balance. Only such a carefully planned diet can bring out the best in your dog. Why not feed Dash to your dog regularly?

Dash is fortified with LIVER!

CONTAINS CHLOROPHYLLIN—Stops Doggy Odors

A product of Armour and Company

Your pet and mine

Begins on page 274

There are many kinds and colors of cats. Mainly there are six recognized, popular breeds: Manx (tailless), Siamese, Abyssinian, Domestic shorthair, Persian, and Angora. The short-haired varieties are the Abyssinian, Siamese, Manx, and Domestic. The long-coated types are Persian and Angora.

Any of the above breeds make clean, desirable pets. But caution should be taken with stray cats. They have been exposed to filth and infection, including fleas and lice. They can spread disease easily. Therefore, careful handling, bathing, and sanitization precautions should be taken.

Cat ailments are not easily diagnosed by amateurs, so a prompt visit to your veterinarian is advisable when your cat doesn't eat or play for any length of time, or runs a high fever. Vomiting, swollen stomach after eating, fluctuating appetite, and lack of desire to play are usually worm symptoms. Where hair balls become a problem, you should give your pet regular doses of mineral oil, about a teaspoonful twice a week.

Is it true that a dog is in good health if its nose is moist and cool?—Mr. B. G. W., West Virginia.

This supposition doesn't always hold true. If you doubt your pet's health, use a thermometer and look for other symptoms.

What is the most popular type of rabbit for a pet?—Miss E. M. E., Vermont.

Most popular is the white Angora, particularly the albino with pink eyes. They are hardy, docile, and affectionate, though they require constant grooming so their long fur won't mat. The Belgian Hare, reddish-tan, is also popular.

Does altering a male kitten make it a more desirable pet?—Miss A. M. C., Canada.

Many people have their male cats altered, where such pets must be confined and have no normal contact with other cats. This also prevents night prowling, loud fighting at night, and contributes to the animal's contentment. The operation should be done between ages of three and six months.

My Pomeranian pup is a chronic chewer, has destroyed every nice pad we have put in his bed. What is the remedy?—J. J. O., Delaware.

Any bad habit that is carried on at night or in the master's absence is hard to deal with, as all wrongdoing must be corrected in the midst of the act. Best solution is to use shredded newspapers. We use straw at our place in winter. When summer comes, we use the plain board bottom of the bed.

▶ Have you a problem in pet feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Pet and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

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The Better EGGBEATER
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Want pounds off or on?

Begins on page 100

Before you diet

Find your "place" on the weight tables for men and women on page 279. Compare your actual weight with your ideal weight. If you are more than 10 pounds above or below desirable weight, consult your doctor before you try to lose or gain. Let him tell you that all is well with you except those extra or missing pounds.

How the meal plans work

The meal plans on page 100 are for healthy men and women over 21 years old, except, of course, expectant and nursing mothers. These meals, as planned for women, offer about 1,100 calories a day. When the extra foods for men are added, the meals offer about 1,500 calories. You don't have any calories to count—just follow the diet!

If you stick faithfully to meal plans, you may expect a weight loss of about two pounds per week.

Each day's meals offer all the essential proteins, minerals, and vitamins in quantities needed for health—it follows the basic 7-food plan. Remember balance is important. Do not skip or add foods—except you may substitute alternates below.

Above all, don't skip a meal. You may change the order of foods within a day, or switch one day's menus to another if you like.

Alternate foods

By choosing foods in season, probably your food bills for this diet will be no higher than before. And if you want a bargain in both nutrition and money, use nonfat dry milk for skim milk.

At many stores you will find turkey and chicken by-the-piece, fresh or frozen, so you can buy the cuts you want in the amount you need. Or you may use canned chicken with fat removed.

This is your list of alternate foods for the ones given on page 100.

Skim milk: Nonfat dry milk or buttermilk (cultured, made from skim milk).

Enriched bread: Whole-wheat or rye bread. Or 1 small serving of ready-to-eat or cooked cereal (whole grain, restored, or enriched) in place of 1 slice bread. No sugar or cream on the cereal for reducers; serve it with skim milk.

Butter: Margarine

Half grapefruit: One orange

Turkey: Chicken

Shrimp: Oysters, crab meat, lobster

Unsweetened coffee or tea: Coffee or tea with a noncaloric sweetener in tablet or liquid form.

Away with those pounds!

For weight-losers, "lean" is the general watchword. Serve meat, poultry, and fish with visible fat removed—and without gravy or rich sauces. Put the dieter's portion of vegetables in a saucedish before you add butter or margarine for the rest of the family.

As to cooking methods, you can broil (without added fat), roast, bake, steam, poach, or cook in boiling water (for vegetables). Avoid frying and creaming. Go easy on salt. Use all the fragrant herbs and mild spices you like.

Serve fruits raw or cooked without sugar. If you use canned or frozen fruit, drain and serve without the syrup.

That important salad

If you're on a reducing diet, you'll find it helpful to start lunch or dinner with a generous serving of salad. It will take the sharp edge off a demanding appetite.

The ladies will enjoy Special Dressing. It makes salads tasty, yet is in line with a slim-down program. Recipe's below.

Because men weight-trimmers need more calories than women, they may use mayonnaise, French dressing, or other salad dressing of their choice. But only 1 tablespoon per serving, please!

Special Dressing

Combine 2 tablespoons chopped parsley, 1 tablespoon dry, small-curd cottage cheese, 1 teaspoon tomato juice. Stir in 1 cup buttermilk or yoghurt, 2 tablespoons vinegar. Add 1 teaspoon salt, $\frac{1}{4}$ teaspoon paprika, and dash of marjoram. Keep covered in refrigerator. Stir before serving. Makes about $1\frac{1}{4}$ cups. *Count 1 tablespoon Special Dressing as a serving.*

Maintain those losses!

After you've come down to your ideal weight, go easy—very easy—on adding foods to the weekly meal plans. By now, you've established good eating habits. Refrain from falling into the old rut by eating just anything. Don't polish off leftovers; that's poor economy!

Here's how to expand the calorie allowance of all of the basic meal plans gradually:

1st week. Change from skim milk to whole milk.

2nd week. Increase potato serving from 1 small to 1 medium potato for each serving.

3rd week. Double vegetable servings.

4th week. Double fruit-dessert helpings.

Should you put on weight, cut out the last increase for a little while and keep track of your weight. Stick to the bill of fare that keeps your weight steady.

To help keep your new figure, be alert for silhouette aids such as unflavored gelatin (follow special low-calorie recipes), crisp rye wafers, packaged Melba toast, high-protein breads.

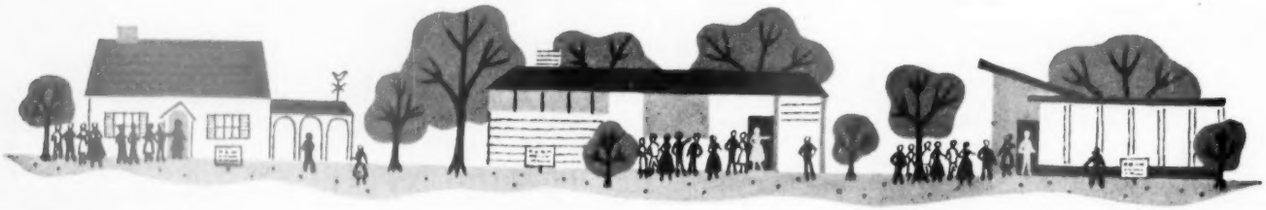
More and more markets have shelves of food especially for dieters. Among the extremely low-calorie foods you may find there are these: Puddings with noncaloric sweetening in several flavors, including chocolate; special gelatin desserts; several types of salad dressings;

[*Turn to page 279*

LOOK FOR THIS SIGN

SEPTEMBER
20 to 27

DURING NATIONAL HOME WEEK!



It's the sign of better air conditioning. When you see this sign *outside* an exhibit home, you'll find real Carrier year-round air conditioning *inside*... the kind of air conditioning that's been tested in thousands of homes... the kind that's built by the people who know air conditioning best.

It's the sign of a new way of life. Step in and get the feel of a Carrier Weathermaker Home. Hot, humid summer? Frigid winter? Not in here. To enjoy *spring* all year round you just flip the switch to HEAT or COOL.

It's the sign of a new kind of house. Walk around the Carrier Weathermaker Home. Here—you'll prepare your meals in cool comfort. Here—you'll wake invigorated and refreshed. And all through the house—you'll breathe air that's filtered clean.

Look for the sign! See this new kind of house, sample this new kind of living, during National Home Week. Carrier Corporation, Syracuse, New York.

Carrier ***first name in air conditioning***

Want pounds off or on?

Continued from page 277

new apple and grape jellies; fruit canned with noncaloric sweetening or water-packed; waffle syrup; tuna packed without oil; a variety of bottled soft drinks.

"But I don't need a diet!"

One of the blessings of the meal plans given here is that they follow a normal meal pattern.

The lucky ones in the family whose weight is just right can eat exactly the same foods. But they can have larger servings and seconds if they like. They can leave the fat on meat, eat gravies and sauces. They use butter or margarine on bread and vegetables, drink whole milk, choose their salad dressing, add an occasional dessert. All this involves no extra cooking.

Don't hedge on overweight

Heed the warnings of physicians and the life-insurance companies: Overweight shortens life, invites diseases, leads to emotional and physical frustrations, adds years.

If you weigh too much, the reason is simply this—the food you eat is supplying you with more calories than you need—unless you are among the 1 percent with a glandular disorder. Even though 99 percent of all overweights are victims of a calorie overdose, it is important to have your doctor determine the cause of heaviness.

Common grounds

No matter what your weight, these health rules apply to all. Get enough sleep at night (eight hours is a good aim). Exercise some each day rather than giving yourself a weekend workout.

If you find yourself gaining too much weight, be sure to get on the "calorie wagon" before pounds become a serious problem.

MEN
Age 25 or over

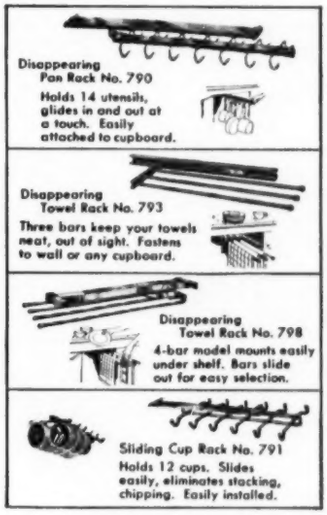
Height (with shoes on)		Weight in pounds according to frame (as ordinarily dressed)		
Feet	inches	Small frame	Medium frame	Large frame
5	2	116 — 125	124 — 133	131 — 142
5	3	119 — 128	127 — 136	133 — 144
5	4	122 — 132	130 — 140	137 — 149
5	5	126 — 136	134 — 144	141 — 153
5	6	129 — 139	137 — 147	145 — 157
5	7	133 — 143	141 — 151	149 — 162
5	8	136 — 147	145 — 156	153 — 166
5	9	140 — 151	149 — 160	157 — 170
5	10	144 — 155	153 — 164	161 — 175
5	11	148 — 159	157 — 168	165 — 180
6	0	152 — 164	161 — 173	169 — 185
6	1	157 — 169	166 — 178	174 — 190
6	2	163 — 175	171 — 184	179 — 196
6	3	168 — 180	176 — 189	184 — 202

WOMEN
Age 25 or over

Height (with shoes on)		Weight in pounds according to frame (as ordinarily dressed)		
Feet	inches	Small frame	Medium frame	Large frame
4	11	104 — 111	110 — 118	117 — 127
5	0	105 — 113	112 — 120	119 — 129
5	1	107 — 115	114 — 122	121 — 131
5	2	110 — 118	117 — 125	124 — 135
5	3	113 — 121	120 — 128	127 — 138
5	4	116 — 125	124 — 132	131 — 142
5	5	119 — 128	127 — 135	133 — 145
5	6	123 — 132	130 — 140	138 — 150
5	7	126 — 136	134 — 144	142 — 154
5	8	129 — 139	137 — 147	145 — 158
5	9	133 — 143	141 — 151	149 — 162
5	10	136 — 147	145 — 155	152 — 166
5	11	139 — 150	148 — 158	155 — 169

Metropolitan Life Insurance Company

got a kitchen? get K-VENIENCES



And you'll know how much easier your work can be! K-Veniences keep utensils at your fingertips, hold everything from cups to colanders. They're a beautiful kitchen addition, too, all in sparkling chrome. Ask for K-Veniences at your favorite hardware or department store.

for you! *A colorful brochure full of money-saving ideas on enlarging your closet space and modernizing kitchen storage. Written by Helen Aves, noted feature writer. Send 10¢ today.*

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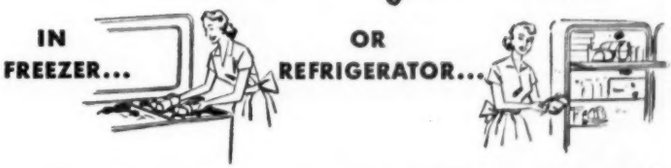
IN FREEZER... OR REFRIGERATOR...



...BE SURE YOU WRAP THEM RIGHT!

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ROLLS ARE 15, 18, and 24 INCHES WIDE

THE SECRET of luscious frozen meats (1) buy *good* meat (2) wrap it right — *even for short storage*. That takes special freezer paper — *originated* by KVP — and kept the leader in low-cost protection. KVP Freezer Paper fits meat like a glove . . . eliminates damaging moisture loss and freezerburn. *Wrapping instructions in each box.* Sold by locker plants and in houseware and paper sections of leading stores.

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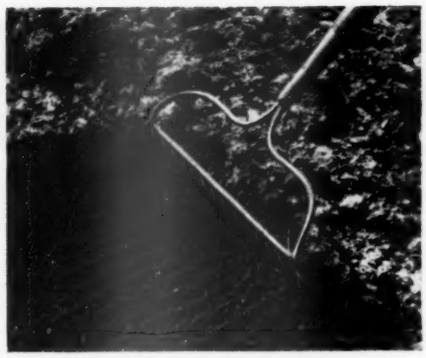
Kalamazoo Vegetable Parchment Co., Parchment, Kalamazoo, Michigan

1 Spread 1 or 2 inches of compost over major bald spots. Use back of rake to spread it uniformly. Spade or fork soil and compost at least 6 inches deep, to prevent soil compaction.

2 Spread plant food over forked area. On very small spots, the plant food may be spread by hand; on larger spaces, spread it with shovel. Use about 3 pounds of food for 10x10 feet.



3 Rake plant food into soil. Push rake tongs their full depth into soil and stir it 2 or 3 inches deep. Continue raking until all clods are broken up. Remove trash that comes to surface.

Grass restorers

banish the bald spots

Give your lawn a boost now to banish the bald spots next spring. Those thin, weedy patches can be eliminated while the cool fall temperatures are coaxing your grass into vigorous new growth. Grass started now will thicken up early next spring, before the weeds begin to grow, and give them little room for a place in the sun.

North or south, new lawns or old, fall is good lawn-building time. If your lawn has bald spots, reseed or repair with patches of good sod. If your grass is uniformly thin, loosen the soil and seed and feed. If there are signs of insect damage, spray or dust the entire area with chlordane.

To smooth out a rough lawn, top-dress the low spots with a thin layer of garden loam. To insure your success, whatever your lawn program, water your grass liberally until the fall rains begin.

For the North

For sunny spots use a grass-seed mixture containing at least 75 percent Kentucky bluegrass, or the new Merion bluegrass. For dry, shady areas, use a mixture containing a high percentage of fescue. For moist shade, use Roughstalk bluegrass.

For the South

Use Bermuda for sunny areas. For dry shade, use Zoysia varieties; spot-plant sprigs. For moist shade in the Deep South, plant sprigs or sod squares of St. Augustine. The new Bermuda varieties must also be propagated by sprigs or sodding.

For all areas

Give thin grass an extra lift by spreading screened compost or finely milled peatmoss over lawn. This will invigorate grass, help in leveling the lawn. Spread with back of rake to prevent tearing the turf. Mow regularly until it freezes.

For more ideas, see page 282

4 Sow grass-seed mixture over the raked seedbed. Use about ½ pound of seed for each 10x10-foot space. Divide seed into two lots. Spread one lot at a time, to distribute seed evenly.

5 Tamp seed against soil. Don't cover the seed—many grasses require light for germination. For small areas, use a soil tamper. On large areas an empty lawn roller may be used.

Photographs: Stanley

6 Spray seeded area with a fine mist. Keep the soil moist until the grass is an inch tall. Spraying twice a day, lightly, will increase the germination percentage. Never flood the soil.

BANISH SEWER TROUBLE with ROOT ELIMINATOR

ONE YEAR SUPPLY $3.95

Here's the sure, easy, low-cost way to keep tree roots out of sewers and septic systems. Simple as using a calendar. Merely drop one brickette in your water closet of your toilet once each month. **That's all you do to keep your sewers completely free of roots.**

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Send today for ROOT ELIMINATOR—a whole year's supply only $3.95. Odorless. Absorbent. Will not damage plumbing. Money back if not **delighted!** Send check or money order and we ship prepaid. Or sent C.O.D., plus postal charges.

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23 So. Center St., Springfield 8, Ohio

"The Greatest Garden Helper I've Ever Known — saves its cost over and over each year"

. . . writes one customer.

Labor is costly and often unavailable. Thousands of home gardeners and farmers have solved this problem with ROTO-HOE, the pioneer tiller-on-front rotary garden cultivator. ROTO-HOE complete costs only $134. Many low-cost attachments give year 'round usefulness—you can mow, trim and edge lawns, spray, pump, mulch, saw wood, throw snow.

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GET THE FACTS: Thousands of enthusiastic users can't be wrong. You will be happy, too, as a ROTO-HOE user. See your dealer for a demonstration; write us for free color circular and nearby dealer's name.

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Dividers do double duty

Begins on page 32

areas. Books are shelved on the side facing the living area. The family's treasured table settings are kept on the opposite dining side. In both cases, the result is as decorative as it is useful.

This storage-bookcase unit measures 22 inches in total depth. It's just short of 5 feet high—excellent for visual division of the areas.

Instead of using the top of this unit for dustcatching accessories, the Llewellyns graced it with a sunken plant box. This burst of greenery serves to soften the lines of the divider. In addition, it's effective in silhouette as you look from one room to the other.

Another very good storage-partition idea occurs between the hall and kitchen of this home. What might have been simply a solid, 8-inch wall became instead a wonderful floor-to-ceiling cupboard for Mrs. Llewellyn's canned goods and cleanup items.

And while both the divider units serve a double purpose, they do their storage job in a distinctly contemporary way by setting up planned space for specific items.

Partition between kitchen and hall has a recessed cupboard that is divided into two sections.

Shallow depth of shelves (about 6 inches) makes this cupboard even more convenient for locating cans, bottles, and other items, than in conventional deep shelves.

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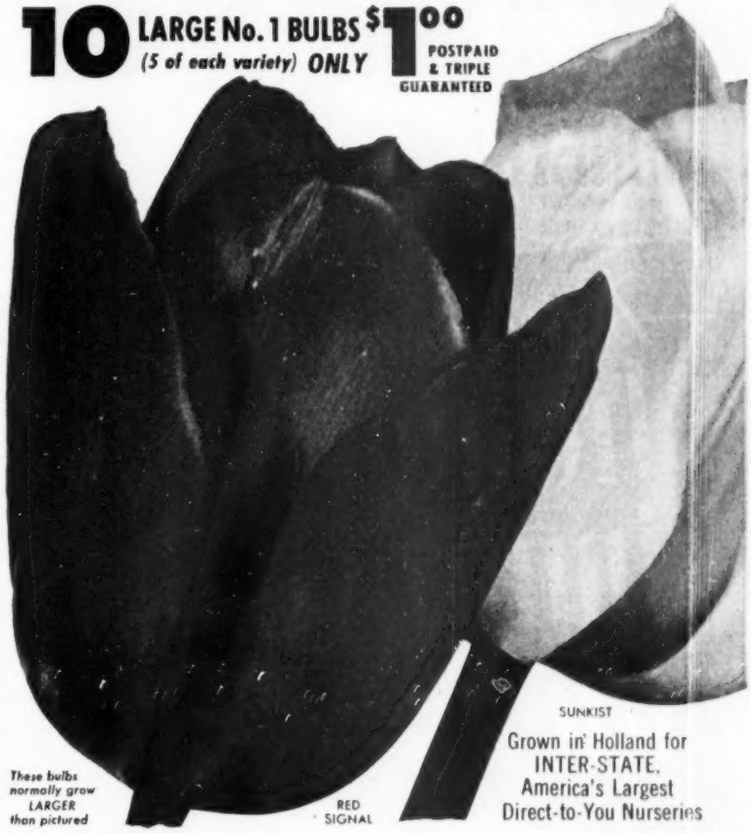
HAMBURG, IOWA

Finest Tulips
at SPECIAL Get-Acquainted PRICES!

10 LARGE No. 1 BULBS $1.00 *(5 of each variety) ONLY* POSTPAID & TRIPLE GUARANTEED



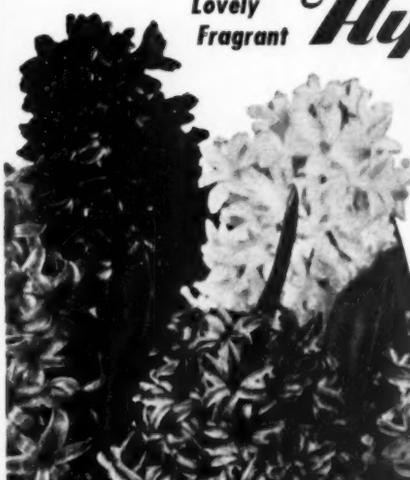
These bulbs normally grow LARGER than pictured

Grown in Holland for INTER-STATE, America's Largest Direct-to-You Nurseries

Both of these May flowering, tall stem tulips are famous for immense, glossy blossoms. Sunkist, the dazzling sunny yellow, perfectly complements Red Signal, the brightest red crimson we have ever seen—both distinguished for richness of color, last unusually long. Order these tulips now at this special introductory price! Every bulb is large No. 1, mature and hand selected. Each offer includes half Red Signal and half Sunkist. Bulbs guaranteed to please upon receipt, guaranteed to bloom next spring, also guaranteed to please you when they bloom. **24 bulbs for $2.00; 40 bulbs for $3.00**

PLANT this fall for BEAUTY next SPRING!

Lovely Fragrant ***Hyacinths***



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ASSORTED COLORS BLUE, RED, PINK, WHITE & YELLOW

Everybody loves hyacinths . . . Easy to Grow!

For sparkling, early spring beauty nothing matches the loveliness of fragrant Hyacinths, in rich blue, red, pink, white or yellow. Excellent for potted plants or equally delightful in your yard. Their fresh, jaunty colors spark your spring garden. They bloom ahead of tulips. Same triple guarantee as Tulips.

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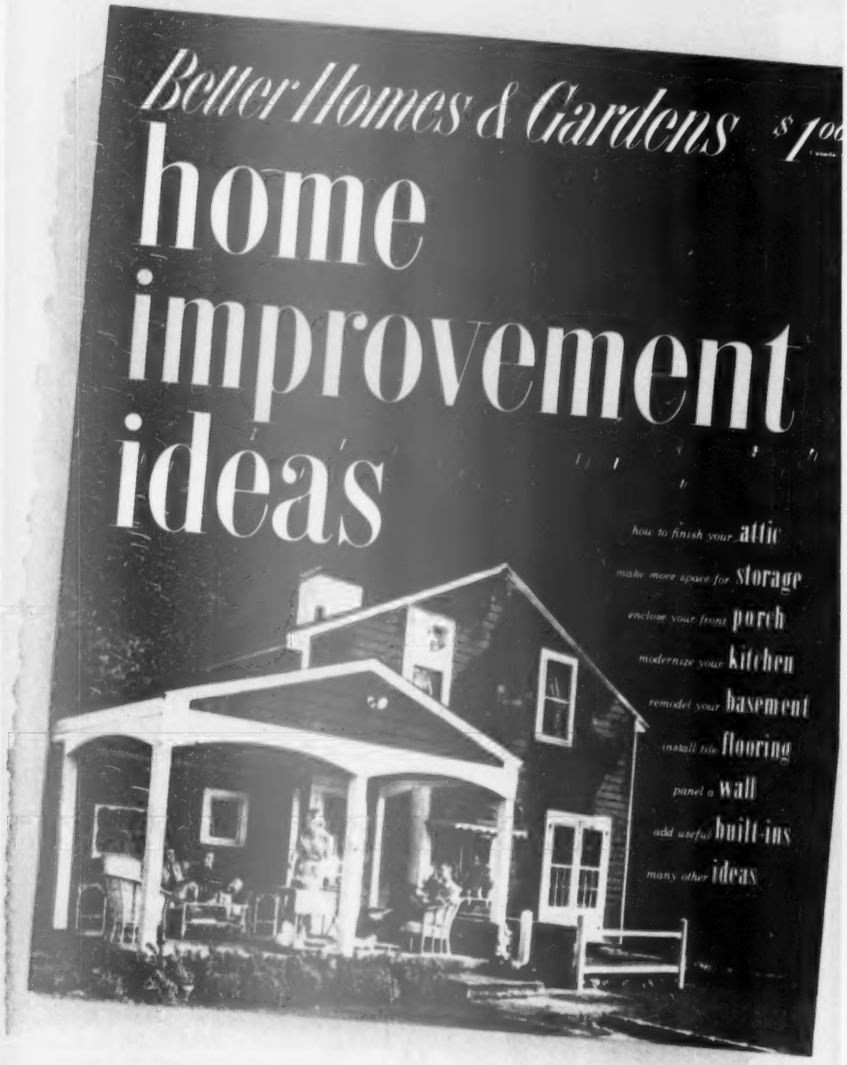
ANOTHER NEW HOW-TO-DO-IT-YOURSELF MONEYSAVER



Just flip through the colorfully illustrated 186 pages. You'll find this NEW Home Improvement Ideas book is packed with tips to make your home more livable . . . and lovable.

There's plenty of how-to for the home handyman — so you can do it yourself easily and economically. Now you can solve those space and storage problems, change old rooms to new, add color and correct lighting, make outdoor living more pleasant with a living-room lawn. It's just brimming over with ideas — even for exterior improvement.

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Better Homes & Gardens HOME IMPROVEMENT IDEAS

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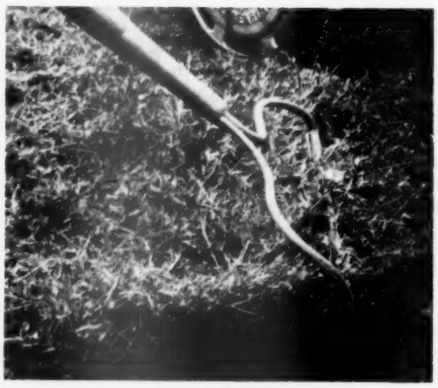
Grass restorers

Begins on page 280

Repair crabgrass spots



1 Use rake to pull spreading crabgrass erect. Don't attempt to pull crabgrass out by its roots. Pull it erect so you can cut it with lawnmower. Rake with a lifting action, with all strokes going in the same direction, so the grass is at right angles to ground

2 Cut upright crabgrass with lawnmower. This will leave a few stubby stems. Rake and mow the grass again, but work in opposite direction. Remove all crabgrass clippings, debris. This will allow new lawn grass seed enough light for germination

3 Sow grass-seed mixture over stubble area. Use a mixture recommended for your area. Use about ½ pound of seed for each 100 square feet. The stubs will keep the seed from washing away, will hold the soil, and will prevent it from drying out

4 Sprinkle seeded area with a fine spray of water. Spray the area daily, as if you were starting a new lawn. Keep soil continuously moist during the germination period — the first week. This is particularly important in hot weather, on windy days

Spot-sod smaller bald spots in your lawn. Loosen the soil in grassless spots. Place small plugs of sod about 4 or 5 inches apart. Fill in around the plugs with good soil, and tamp to firm with back of spade. Water thoroughly to settle new sod

Give your lawn a fall feeding. Use 3 pounds of complete fertilizer for each 10x10-foot area. This will help eliminate small patches of poor lawn, prevent others. A good feeding will help your lawn thicken up, so it will start off right in the spring

GIANT **Red Emperor** ONLY **10¢**

Largest, Earliest, Most Brilliant Tall Giant Tulips

Most Popular of All!

Spectacular, intense scarlet, very early, blooming in April. Immense streamline petals, opening up to 9 in. across. Sturdy 18-in. stems.

Good News! In spite of scarcity and higher prices, you may have all the Red Emperors you want **at our old price**—but order today!

EXTRA SPECIAL
Top-Size Bulbs
10 Bulbs $1.00
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All Burpee Bulbs Are Guaranteed to Bloom

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Top-size bulbs, at our old lower price, see above. ☐ **10 BULBS $1**
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Huge, exotic, most beautiful. Deep rose-pink and salmon, marked green. Top-size. ☐ **10 BULBS $1**
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TALL GIANT DARWIN TULIPS 7764
Gorgeous blooms, lovely rainbow hues, best colors mixed. Get 100 or more! Top-size. ☐ **10 BULBS $1**
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☐ **Send ALL SIX "$1 SPECIALS"** (7978) **FOR ONLY $5.00**

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Largest flowers on long stems. A grand mixture of best yellows, whites and bicolors. ☐ **15 BULBS $1**
☐ **30 Bulbs $1.80** ☐ **50 Bulbs $3.00**

LARGE FRAGRANT HYACINTHS 7757
Lovely mixed colors—blue, yellow, red, rose, pink, and white. You'll want 16 or more! ☐ **5 BULBS $1**
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Choice bulbs, low prices. Purple, yellow, blue, white, striped. MIXED. Get plenty! ☐ **30 BULBS $1**
☐ **65 Bulbs $2.00** ☐ **100 Bulbs $3.00**
(Any 3 $1 Lots for $2.75)

Please Print: **Enclosed is $** .....

Name .....

St. or R. D. .....

P. O. ..... **Zone if any** ..... **State** .....

☐ **Send Burpee's 1953 Fall Bulb Catalog FREE.**

How to get the best meat buys...

See page 265

Beautiful ... and Different

Rich mellow tones of the Grand Canyon for your home and garden with **KEMIKO** *Permanent Concrete Stain.* (not a paint)

KEMIKO Stain penetrates and becomes a permanent part of new and old concrete surfaces—it can't chip, crack or peel, resists all weather conditions

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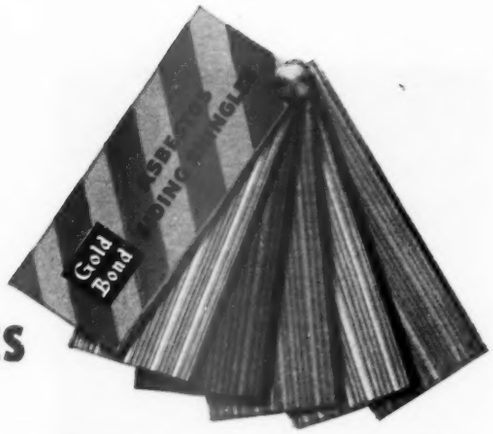
Home beauty that needs no upkeep . . . yours with new

GOLD BOND ASBESTOS SIDING SHINGLES



LOOKING for a *money-saving idea* . . . for a home you now have or a home you're going to build? Have your house sided with Gold Bond Chroma-Tex Asbestos Shingles.

This beautiful *natural* material gives your house the *color* you want. And you need never worry about the expense of repainting for preservation! The color is "locked in"—to last a lifetime. New Gold Bond Surfaseal Protective Finish helps keep the color fresh and stain-resistant. Although Gold Bond Asbestos Siding Shingles look expensive, they're actually low in cost . . . and they give you the added benefit of being . . .

NATURALLY FIREPROOF . . . WEATHERPROOF!

Asbestos can't burn. And Gold Bond has combined asbestos with the *natural* durability of cement, to assure lasting protection from fire and the weathering effects of broiling sun, winter snow and rain. Specify Gold Bond Asbestos Siding Shingles for the safekeeping of your home, as so many of today's leading residential architects and builders do.

FRESH NEW COLORS!

Only Gold Bond gives you these fresh, enviable colors: Pheasant Brown . . . Mellow Ivory . . . Twilight Gray . . . Dusty Coral . . . Poplar Green! See them at your local Gold Bond dealer or contractor. He'll be glad to give you advice on the quantity you'll need . . . and even help you on the financing!

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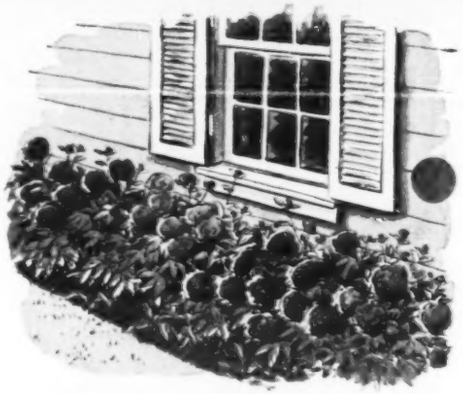
ADD-A-ROOM NOW! with Gold Bond

Here are some smart ways to use bold peony color

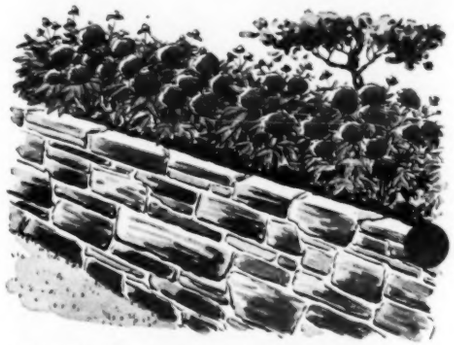
Gay, durable peonies are the answer to many landscaping problems.

For brilliant puffs of color, and shiny green foliage, plant them 3-5 feet apart in long rows. You'll find it best, usually, to plant peonies all of one color in any one grouping where you use them.

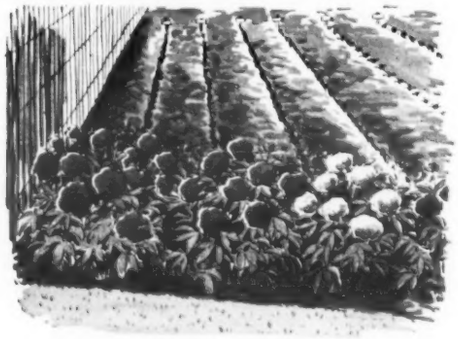


Plant peonies against your house, and they will cover the spot left vacant when your early-flowering bulbs have stopped blooming

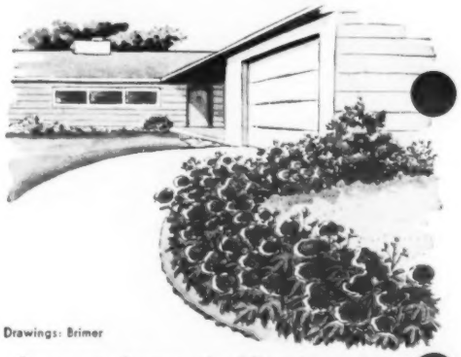
Row of peonies along either side of short, straight front walk gives welcome color relief in spring. Leaves stay green all season



Soften the lines of any serviceable retaining wall with a line of peonies at the top. Where soil drains and it is sunny, peonies thrive



Want peonies for cutting? Let them serve a dual purpose, act as a handsome border screen between lawn and vegetable garden



Drawings: Brimer

Let an arc of peony color follow the curving line of your driveway. The plants will also serve to soften the sharp lines of your garage

How to plant a peony

Better Homes & Gardens **SMART GARDENER'S GUIDE**

(Continuous bloom)

Peonies, with their glossy leaves and handsome blooms, are stand-bys for the perennial garden. Sun, good soil, and water are about all peonies, fairly disease resistant, need.

When to plant. Fall is the best time to plant peonies—early enough so they can grow roots before ground freezes. Spring is the second-best time to plant.

What to plant. In fall, lift and divide old, overgrown peony clumps, or set out new ones from the nursery. In spring, buy cold-storage roots or potted plants from your local nurseryman. Most peonies grow in all colder regions, but get single and Japanese types for mild southern regions.

Where to plant. Space peonies 3-5 feet apart in well-drained soil. Southern exposure may mean bloom 4 to 10 days earlier.

Here are 12 excellent peony varieties:

Name	Season	Color
Fernleaf peony (*P. tenuifolia*)	Earliest to bloom	Red
Philippe Rivoire	Early	
Felix Crousse	Midseason	
P. edulis superba	Early	Dark pink
Sarah Bernhardt	Midseason	
Martha Bulloch	Late	
Mons. Jules Elie	Early	Light pink
Therese	Midseason	
Myrtle Gentry	Late	
P. festiva maxima	Early	White
Kelway's Glorious	Midseason	
Elsa Sass	Late	

How to lift, divide, and reset your peonies

1 Dig a trench around old peony clump. Make trench just under overhang of leaves. Cut in under plant. Keep soil ball intact

2 Pry root ball out of hole, and set it on fruit lug or upturned pail. Hose soil off roots to see where crown buds join

3 Leave short stems to protect buds, serve as handles in planting. Have a helper pry sections apart. Cut in pieces with 3 to 5 buds

4 Trim all broken and grub-eaten root ends, for smooth cuts encourage quick healing. Plant quickly before roots dry

5 Peonies will grow in almost any well-drained soil—if there's plenty of sun. Make hole for peony division 18 inches wide, 18 inches deep

Next spring's growth will come from plump, pink buds at crown of peony, so handle these buds with care

6 Pause here to notice the peony buds—and to add $\frac{1}{4}$ cup of plant food and a shovelful of compost or peat to soil to be used for last filling

7 Lay spade handle across hole as guide. Hold division so eyes are no more than an inch from soil surface as you draw soil around roots

8 Firm soil around roots with hands. Run water into shallow basin around newly set division. Jostle roots to settle soil

Photographs: Stanley

9 Mound some loose soil up over new plant. Pat the mound so it will hold shape, shed water. This protects plant over first winter

10 Place stakes over mound to mark spot. If you live in a cold climate, cover mound with mulch to shade ground

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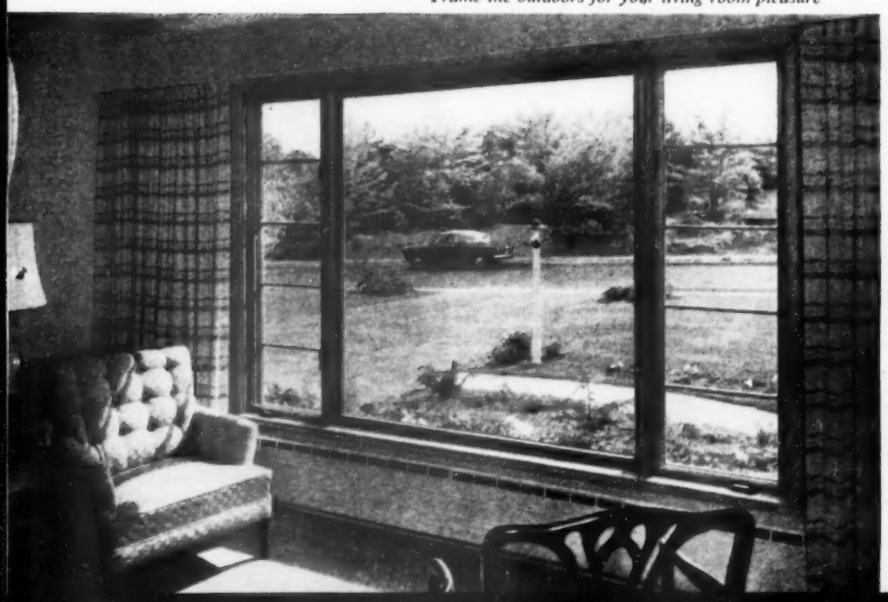

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A profusion of lovely shades—especially effective in borders or beds!
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All 11 offers in this ad totaling 404 bulbs—PLUS AN EXCITING HOLLAND COLLECTION OF 100 HARDY BULBS—Crocus, Iris, Iulas, Triteleia, Anemones, Muscari, Winter Aconites, Guinea Hen Flowers—in a glorious mixture . . . all these bulbs . . . a grand total of
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How to cook a complete family dinner in 30 minutes...

See page 265

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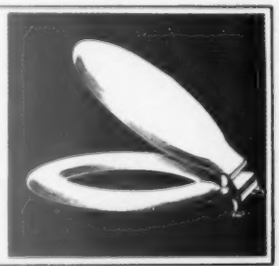


More lilies at no expense

Want more lilies of your favorite variety? Here's how to get more from those you have

1 A flowering-size lily bulb has layers of fleshy scales; brittle food-storage units. Remove the first one or two layers to start new lilies.

To break off a scale, pull it down and out. Shake scales in paper sack with a little ferbam or other fungicide.

2 Plant scales in short rows — 1 inch deep, 4 inches apart, in light soil that is well drained. Mulch with dry leaves over winter.

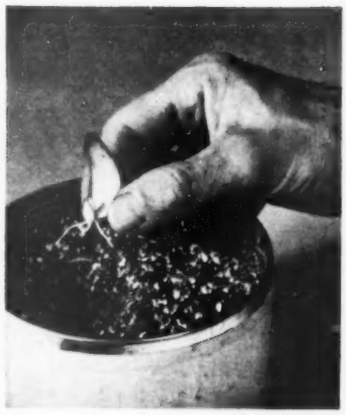
Or, to hasten results, start your lily scales indoors. Handle as shown in this and the following pictures.

3 Cover scales with 1 to 1½ inches of sand or vermiculite, and dampen slightly.

Don't keep sand or vermiculite very wet, or scales may rot. At this stage, lily scales need ventilation and warmth more than high humidity.

4 Dig up a scale occasionally to look for new growth.

It may require several months for bulblets to form. When they do, they'll have husky white roots as this one does. Re-cover scales, and water. They will be needing more water from now on.



5 When first leaf is formed in spring, plant young lily in a 4-inch pot. Use mixture that consists of equal parts of soil, sand, and peat or fine compost.

Cover each young lily bulb with an inch of soil. Water immediately. Grow in a sunny window, and keep soil moist.

6 Late in the spring, remove young lilies from pots and set them in flower border.

Prepare the soil full spade depth. Spade 1-inch layer of wet peat or fine compost into soil if it's poor.

Planting hole should permit the bulb to rest 2 inches from the surface.

Photographs: Stanley

7 Firm loose soil around the soil ball. Water to settle.

Keep soil moist during the first season outdoors. And keep roots cool with mulch if they don't get shade.

Look for strongest bulbs to bloom during second spring.

Keep your lawn neat the easy way . . . with a

PARKER LAWN SWEEPER

A few swings over your lawn with the big, easy-rolling Parker Lawn Sweeper—and fallen leaves are swept, gathered, and ready to roll to the compost heap.

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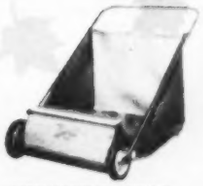

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The diary of a

Plain dirt gardener®

By Harry R. O'Brien

Maggie came along the garden path with a basket of newly picked green bush beans and tomatoes over her arm. She had a bouquet of zinnias, too

Sept. 1 Hot sun, up around 90. Did go down to visit Neighbor Landry. Found him busy building a new rock wall, to use as a background for spring bulbs—a most useful garden chore.

Back home, methinks I'll go exploring with a spade. So I dug three hills from the Irish-potato planting that Donald and I have been growing in partnership.

Sure enough, there are potatoes. Not too big and not too many in a hill, but more than I expected, considering the long drouth we've had.

Now I'll begin my fall maintenance work, says I. I went to get my big lopping shears.

Some of the bushes by the front entrance have grown so a body can't see what's coming, when driving out. Actually, these bushes are a menace to safety.

Discovered that said big loppers are gone. I know where. Donald has them down at his place to cut off some limbs overhanging his drive.

So I got out the light shears and cut off the worst of my own bushes.

As the sun went down, got out the hose and gave a thorough soaking around the two trees that we set out last spring.

This has to be kept up every week or so. Good, too, for shrubs and evergreens set out last spring.

Sept. 2 Last night and this a.m. the rains fell, about an inch, so that the soil could not be worked.

It was exactly the night to pull big weeds. So that is what I did—in the rose bed and here and there around the shrubbery.

I had just let these go, when the soil was hard and dry. Tonight I could pull them up by the roots. As I worked, I planned my fall work campaign.

There are no more seeds to sow, unless I get ambitious and put out some pansy seeds in the coldframe—which can be done now—so plants will be ready to set out next spring.

Trees and shrubs on our home plantation need some maintenance work. There are some dead branches and twigs. Some have grown to where they block the view from windows.

It will be a happier world if I go over the iris and peonies, get out weeds and cultivate. Ditto that big perennial bed.

If I can get some ground worked up, I could move some perennials.

It is lily-planting time before long. I can see a space about 10 feet long where tulip bulbs can go. Another space suitable for a few more narcissus.

Sept. 3 "Don't you know it is time for you to get ready?" said Mrs. Maggie, as she came down the path toward me.

At the moment I was down on my knees with my big trowel in right hand and a roundish white object in my left that I had just picked out of a box.

I was planting my new Madonna-lily bulbs. I was setting them shallowlike, tops covered with 1 to 2 inches of soil.

What Maggie had on her mind was that our men's rose club was meeting. I was due there for dinner at 6:30.

I put in the last bulb. Dashed, washed, dressed, speeded, and came in to the dinner nine minutes late.

The program was about control of insects and diseases. I learned that roses should not be set out in ground where cane fruits such as raspberries and blackberries have been growing.

These may have had anthracnose or bacterial gall, which can attack the roses.

Sept. 5 First work was to get out the garden tiller and do some cultivating. This was through one of the iris beds. Then I ran it around all the edges of the rose beds.

This tiller is a wonder to do a quick job of edging long beds.

Then got out the reliable old wheel hoe and gave all the rose beds a thorough cultivation. The power here is in the muscles of my back and arms.

Sept. 7 Today, Maggie was seen ahead of supper coming in with a basket in one hand. In it were newly picked green bush beans and some tomatoes.

In the other hand she had some of those pretty Peppermint Stick zinnias. She likes these. She might as well be cutting them. The day draws nigh when some morning they will be black and ruined by the first frost.

Sept. 9 Improvement of the premises was order of work when I got out in overalls this late p.m.

David had left the sickle bar still attached to our garden tractor. With this I mowed weeds, including the one panel in the vegetable patch that is sown to clover this year for soil improvement.

Growing my own humus that way. A fellow has to keep adding humus to the soil.

Sept. 12 Came by Donald's today and tried to interest him and Janet in taking down more of the sweet corn we have at home. But no sale. They still have one mess left from the 40 ears they raised in their own little garden.

Sept. 19 You have to hand it to Donald. The first crop of tomatoes he ever grew on his own has done a lot better than mine.

One reason is that he gave them

Gave both the new trees set out last spring a thorough soaking with the garden hose at sunset time tonight

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some extra plant food a time or two.

Another thing, he kept watering them with a soil soaker. Ours had to wander on through the summer drouth on their own.

Sept. 24 That special day is here again—our wedding anniversary.

Towards evening, we put on our Sunday duds. Stopped in to visit with Donald and Janet.

Donald was out using my big lopping shears and the pruning saw that I hadn't been able to find.

Sept. 25 Dug a mess of sweet potatoes and astonished to find how much these have grown. Maggie picked a mess of corn from the third planting.

The stalks are so small, they would be a disgrace as popcorn. But the ears on 'em were wondrously sweet at supper.

Main job was to begin putting peatmoss on the rose beds. The only reason for doing it this time of year is that I have the time.

I don't put on a thick layer—just about half an inch. Then I work it into the soil.

Sept. 27 Donald has a problem. The street in front of his house has just been paved and a curb put in, leaving a space without any grass. It has to be sodded over.

I have been giving him lectures on this being the best time in the year to work in peat, plant food, and then sow seed. But he doesn't pay any attention. He has something else on his mind, as may be disclosed next month.

Sept. 30 Whatever happened to Maggie's hybrid amaryllis? She has it planted out somewhere.

By now, it should be allowed to die down. Go into a resting period. Brought into the house, so it can be started up again come winter.

Those Madonna lilies I planted are all up. There are neat green rosettes above ground. It is still time to plant these bulbs, if any are left at the seed stores.

Was out digging our Irish-potato crop. Donald and Janet were here and helped. We brought in half a bushel of our cooperative crop. Maggie got a big sack and put a peck in for them to take home.

At the moment, Maggie has our house filled with big bouquets of glad blooms. The peach-toned one she raved about is Picardy.

The white with the red blotch in the throat is good old Margaret Beaton. And this is a good way to end the month.

Maggie picked sweet corn—from our third planting—and we had it for dinner. It made good eating

Your lawn is hungry again!

Feed it now and you'll be rewarded with a finer lawn not only this year...but next.

• Sure, Spring's a wonderful time to feed your lawn. But experts will tell you that *Fall* is the best time of all to start a new lawn—or put an old one in top shape

Cool Autumn nights and warm days are ideal for growing grass . . . especially because *weeds* make little growth now.

So again, as you did last Spring, apply Vigoro . . . complete, balanced plant food. It's feeding time!

Vigoro provides every food element that *new* grass as well as hungry, summer-worn lawns need to thrive best.

Vigoro will help keep your lawn green and beautiful throughout the Fall. And Vigoro-fed *roots* will continue to store up energy-giving food for a better start next Spring.

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This first real "appliance" for the man makes it possible for you to tackle any "do-it-yourself" project. It's built around a rugged *tilting blade* circular saw, and includes a big-capacity jointer-planer, a versatile drill press, and a handy disc sander.

With this combination of the four most basic, most-used Delta Homecraft tools, you can complete scores of money-saving jobs—

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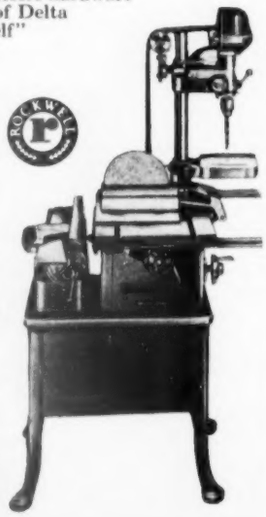

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SEPTEMBER GARDEN REMINDERS:

Now's the

CENTRAL AND EAST

Order your spring-flowering bulbs for fall planting. Set new narcissus bulbs as soon as they arrive.

Spray crabgrass in lawn with potassium cyanate for late-season control. Reseed spots as soon as crabgrass turns brown.

Remove dead tree limbs. Cut back limbs brushing against house.

Dig and pot lantanas, dwarf marigolds, and other favorite flowers for winter bloom indoors. Prune them back to improve shape.

Divide crowded perennial clumps. Swap the extras with your neighbors.

Stake and tie hardy asters and tall mums to prevent breaking, improve their appearance.

Plant early-flowering perennials—peonies, Oriental poppies, and daylilies—leave late-flowering kinds until next spring.

SOUTH AND SOUTHEAST

Sow ryegrass seed over Bermuda and centipede lawns for green cover all winter. Wait until next month in Lower South. Feed lawn lightly after established.

Place your order for tulips, brodiaeas, Dutch iris, and other flowering bulbs.

Plant new varieties of perennials to get better succession of bloom. Divide crowded clumps.

Root-prune wisteria and bougainvillea that failed to bloom this season. Use a sharp spade to cut roots 18 inches out from stem.

Water your azaleas and camellias regularly in fall while they are making late-season growth.

Cut back scraggly annual flowers to renew bloom.

Give your mums a final light feeding when color begins to show in the buds.

Inspect all plants for insect damage. Spray or dust

PACIFIC NORTHWEST

Dig, divide, and transplant phlox, poppies, peonies, bleedingheart, and other early-season perennials.

Clip your periwinkle, ivy, and lavender bushes to keep them in shape.

Stop feeding your roses and apply a light mulch to help hold moisture.

Dig your glad bulbs as soon as leaves turn yellow. Trim off tops.

Continue to dust or spray your roses with a multipurpose pesticide to insure good bloom.

Stake your dahlias, daisies, and other tall flowers to hold blossoms up for good display.

Bring your pot plants indoors before it's time to start the furnace. Prune them lightly to shape.

Finish all fall pruning of shrubs and trees.

Sow ryegrass on rough slopes to hold the soil over winter, until permanent groundcover can be planted.

time to...

Deep-feed your larger shade trees. Punch holes 12 to 18 inches deep and about 24 inches apart around tree bases.

Insert plant food in holes. Use 2 pounds for each inch in diameter of the trunk 3 feet from the ground.

Example: If the tree is 6 inches in diameter, use 12 pounds of fertilizer.

Shear hedges for the last time this season.

Pot oxalis and freesia bulbs for blooming indoors during the winter.

Bring in tender pot plants before frost.

Grab a handful of new garden labels and tour your garden.

Replace old labels with new ones where necessary.

Check the wire on old labels to see that it isn't girdling plant stems, choking off food moving down to roots.

You can also label perennial and bulb clumps by placing labeled stakes by clumps.

at 7- to 10-day intervals as long as pests are present. Use a multipurpose insecticide.

Sow seed of poppies, calendulas, cornflowers, and other annuals for winter bloom in Lower South.

Feed your lawn now, so early fall rains will carry food down to roots to stimulate growth.

Use a 4-12-4 or 5-10-5 fertilizer rather than one with a higher percentage of nitrogen, so grass will not be too rank when it turns cold.

Wash spreader blades immediately after use, and oil lightly for winter storage.

Pull out old annuals, clean up flower beds. Consider planting with perennials for permanent effect.

More on next page

Wayside Gardens

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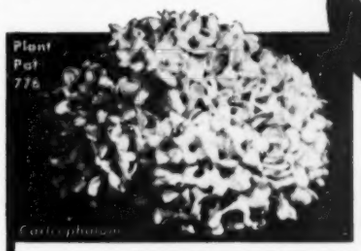
Wayside's rigid standards of high quality and perfection are well known to gardeners all over America. It is this cherished tradition of unfailing quality, year after year, that has made Wayside Gardens the most respected name in the horticultural field.



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Now's the time to . . .

Begins on page 292

CALIFORNIA

Protect your fall-planted shrubs and trees from sudden hot weather—shade plants and spread mulch on ground in circle around base of each one.

Pave the problem spot underneath the pepper tree. Add pot plants for color.

Buy plants of pansies, cinerarias, and baby primroses to plant if you didn't sow seeds of these earlier.

Sow sweetpeas early this month for Christmastime bloom.

Set out potted tuberous begonias and cyclamen in a shady spot for winter bloom.

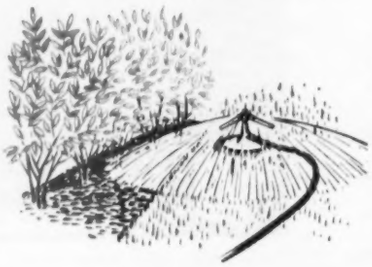
Fill empty spaces in your flower borders with young stock and snapdragon plants.

Give all evergreens a light pruning to shape them before they start fall growth.

Sow grass seed in bare spots in the lawn.

Buy a good wildflower-seed mixture, mix with handful of dry sand, and scatter over out-of-the-way spots.

Plant winter vegetables—turnips, onions, broccoli, cabbage, and cauliflower.



Water your azaleas and camellias regularly during the next few weeks.

They will be storing food at this time for next spring's growth. Good care now will mean stronger plants, more flowers next spring.

Water at least six inches deep—don't just sprinkle.

TEXAS AND SOUTHWEST

Cut faded flower heads from your plumbago. Encourage renewed bloom with generous watering.

Plant spiderlilies, *Hymenocallis*, before midmonth in Gulf Coast areas.

Stop feeding callas and amaryllis.

Feed gardenias, azaleas, and camellias while they are making fall growth.

Sow nasturtiums in favorite container. Place in a bright, sunny window for winter enjoyment. Pinch to keep compact.

Stake mums and asters if you have not already done so. Feed them regularly until they bud.

Repot overgrown foliage plants. Make cuttings of straggly growth. Root in clean, moist sand.

Order evergreens, perennials to set out this fall.

Pinch back poinsettias for last time. This will increase the number of flower heads.

Sow seed of annuals for late-fall bloom.

Trim back the rangy tops of hybrid tea roses. Remove the spindly growth from all roses.

But do not cut roses back severely. For heavy pruning, you should wait until spring.

A light feeding and regular watering will give you roses for several additional months—until Christmas or later in some areas.

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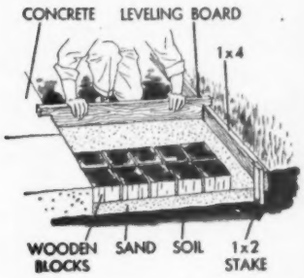
For spots that take wear—

Try garden paving with wood

For double economy, use blocks cut from old railroad ties. Since they've been pressure-treated with creosote, you can skip preservative and still have long-lasting paving.

Simple-to-place blocks blend well with many gardens, like this one from Greenwich, Connecticut.

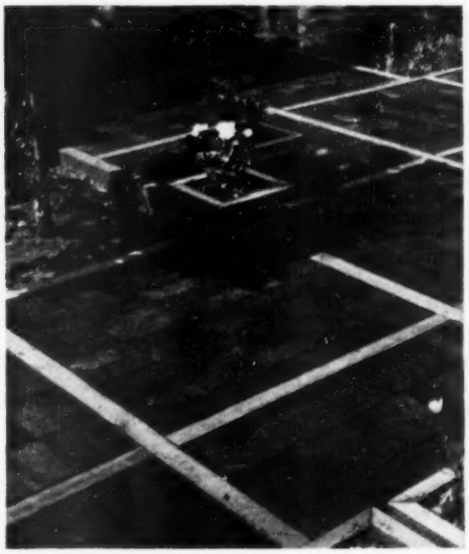
Photographs: Gottscho-Schleisner, de Gennaro, Weymouth, Baskerville



Use a form, like this one, to help you keep blocks level. Excavate soil, and tamp and level ground.

Place wood on layer of sand—or on well-drained soil. Leave space between pieces—wood expands.

Try odd-shaped chunks of wood, fitted together loosely on a sand base, when you want to create informal patterns. The contrast in texture between wood and bricks is very pleasing to the eye. The unusual style of your terrace will become a neighborhood conversation-causer

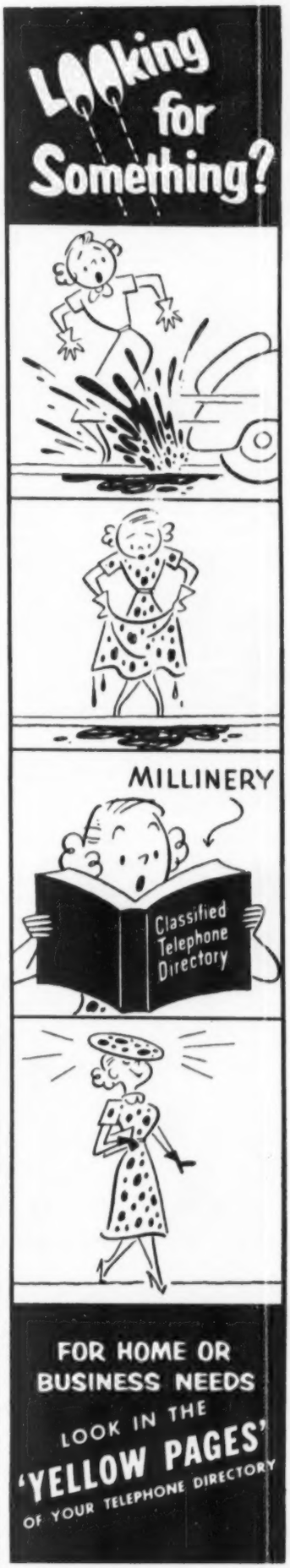


You can have "two-color" paving with wood. For example, this terrace at the Grant L. Berry home in Burlingame is made of selected redwood mill ends. Set loose on level ground, pieces are held in place with 2¾x3-inch battens. The lighter tone of the battens produces a two-color effect that provides the design for this terrace

Wood—treated before use—can be durable, inexpensive paving. Its warm textures suit most gardens. You can make a walk or terrace with it as easily as with any other materials.

Use old railroad ties, blocks or chunks of wood, short lengths of 2x4s, or rounds. To cut cost, use locally available wood.

First step in paving with wood. Use pieces at least 4 inches thick. Treat the wood with a preservative, for even a very durable variety like cedar, cypress, or [*Turn to next page*



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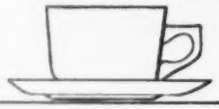

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Try garden paving with wood

Begins on preceding page

redwood may be rotted by water and insects if untreated.

You can use a 5 percent solution of pentachlorophenol. Copper naphthenate and zinc naphthenate are also excellent wood preservatives. Or use creosote or creosote derivatives. Don't let tops or roots of growing plants touch treated wood until it has time to weather.

Soak the clean, dry, unpainted wood in the preservative for at least 24 to 48 hours. Wear gloves to handle, or you may burn your skin.

Don't treat old railroad ties or telephone poles—they've already been pressure-treated with creosote.

How to place the treated wood is shown on page 295. When wood is in place, sweep sand into all cracks, and paving is ready to use.

See next month's issue of *Better Homes & Gardens* for paving with stone—last in the paving series which started in February.

Want to extend your terrace? Then add wood rounds. Since they soften the appearance of plain concrete, particularly if you "cement" them with a rich green groundcover, they actually add to appearance as well as size of terrace. Here they serve dual purpose as steppingstones to the cutting garden at the Arthur M. Whistler home

Wood rounds need not be costly, if you use slices from trees that grow in your area. Interplant with groundcover—dichondra is used here—to emphasize the soft, warm surface and to help the wood rounds blend into surroundings. The home of Mrs. Ben Stroud. Landscape Designer Charles Parachete, with Evans and Reeves Nursery

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ON PAGE 200

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WISCONSIN

Begins on page 74

State 35 runs between the bluffs and the Mississippi River, which cuts down the western border of the state. It's a fishing, boating, and travel vacationland. Rest spots, such as this wayside park, are plentiful

Most of the state parks are not only beautifully located, but well equipped. Write J. H. H. Alexander, superintendent of recreational publicity, State Office Building, Madison 2, Wisconsin, for free literature and maps. Housekeeping cottages and American-plan resorts are in the majority. Some resorts will take overnight guests, but most prefer reservations by the week. If you're city-minded, you'll find good hotels; motels are springing up, but they're not abundant. In some of the northern areas, you'll find modern accommodations at a premium. A family of four probably will spend at least $9 a night for motel accommodations; in a hotel with share-the-bath, rates will drop; American plans will start about $7 per person per day; housekeeping cottages will range from $25 a week for a "rustic" cabin, up to $100 a week for de luxe accommodations.

First and second days. If Milwaukee is your starting point, don't overlook Washington Park Zoo, Layton Art Gallery, Milwaukee Art Institute, the sunken gardens at Mitchell Park Conservatory, the Public Museum, Lake Shore and North Lake drives.

Spend a couple of days in Door County, the fingerlike peninsula extending into Lake Michigan. You can head straight north for Sturgeon Bay on U. S. 141 or take a more leisurely route, State 55, U. S. 45, joining U. S. 141 at Sheboygan. Side trips: Holy Hill, Lizard Mound State Park, and Kettle Moraine; Fond du Lac on Lake Winnebago, Wisconsin's largest lake; Point Beach State Park, near Two Rivers, with its lighthouse open from 2-4 p.m. on Tuesdays, Thursdays, and Saturdays.

There's a congenial Chamber of Commerce in Sturgeon Bay. Ask

[*Turn to next page*

There are miles of sandy beaches, on both the inland and the Great Lakes. It won't take much coaxing for you to stop for a dip and to loll around in the sun and sand as these girls are doing near Herbster

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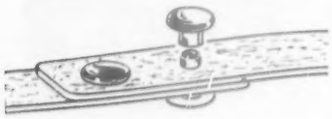

through holes, place on firm surface and swat with a hammer. Gilt, nickel, black, brown finishes. Large or small sizes.

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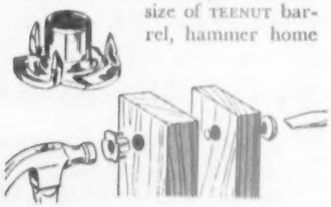

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Wisconsin

Continued from preceding page

for a "fun map" of Door County. It charts little trunk roads and places of interest. Get your accommodations and settle down. You're within easy-driving distance of all attractions regardless of where you are, unless you decide to spend a night on Washington Island. If there's a church or community "fish boil," plan to attend.

Briefly, here are some of the things you're going to find: Accommodations mostly American plan. Exceptionally good food, especially the cherry pie. Good golf courses. We saw more families excited over jumbo-perch fishing than any other kind. No fishing license required for Lake Michigan, Lake Superior, or Green Bay (federal waters).

By climbing Government Bluff observation tower in Potawatomi State Park, you'll get a good view of the countryside.

Wisconsin's largest state park, Peninsula, near Fish Creek, has four excellent campsites (tent or trailer) for 75 cents a day (reservations unnecessary). Ride horseback, rent a boat, swim, or hike. You can also play golf for $1.50 a day on the 18-hole course. Scenic drives, too! From one outlook, you can see Green Bay, the Michigan shore line, Eagle, the Strawberry and Chambers islands.

At Fish Creek, we stayed for the "fish boil"—a revival of the days when sea captains entertained their crews along lake shores. As the sun sank, the outdoor fire was started and big cauldrons of water put on to boil. Potatoes and fish boil in the same kettle. Then bucketfuls of salt are poured in: 1½ pounds of salt for every 3 pounds of fish. It's important that the cauldrons boil over, for it disposes of some of the salt. There are no words that adequately describe the sweet flakiness of the fish, nor the rich flavor of the potatoes. Fish Creek Community Church sponsors several fish boils during the summer.

All of Ephraim's buildings are painted white. The village curves around busy Eagle Harbor, where there are sailboat races daily. Boat trips from here include Gills Rock and Death's Door, and sunset cruises. Also fishing trips—$2.50 per person for half day. Bait and tackle are included. Most of the other bay towns have similar trips.

We spent a night in Sister Bay, a lively town boasting the county's best-looking bank and an unusual beach.

At Gills Rock, an old fishing village, you can board a ferry for a 45-minute ride to Washington Island—site of this country's largest Icelandic settlement.

You'll cross Death's Door Strait, feared by Indians and early explorers and scene of many a shipwreck. Treacherous, unexpected undercurrents, rocky reefs, and fog were responsible. Watch the waters for the ghost ship "Griffon," which has haunted the straits for 250 years. With modern navigation, the dangers have been minimized.

Drive State 57 down the east coast of Door County to complete the peninsula tour. Bailey's Harbor is the oldest settlement in the county.

Third day. Your goal for tonight is Minocqua.

State 57 will take you to Green Bay. Watch for statue of Jean Nicolet. Besides being the home of the Green Bay Packers football team and having an outstanding harbor, Green Bay has Roy-Polier-Tank Cottage (1776) in Tank Park, two museums—Fort Howard and Neville—the Jeffersonian architecture of Cotton House, the wildlife sanctuary at Bay Beach Park.

State 29 leads to Wausau. If you visit Rib Mountain State Park, southwest of Wausau, you're at Wisconsin's highest point—1,950 feet above sea level. Picnic and camping areas.

It's U. S. 51 on north, until U. S. 8 intersects and you curve easterly into Rhinelander, "capital of the northland." There are 232 lakes, 9 trout streams, and 2 rivers within 12 miles of this city. Don't miss the logging museum, where a camp is all set up for lumberjacks. Adults may visit the paper mills at 2 p.m., Tuesdays, Thursdays, and Fridays.

On winding State 47, through American Legion State Forest and the Tomahawk Lake resort area, you reach Minocqua, an island town located in Lake Kawaguesage. If you want to know who your famous neighbors are, take a boat trip.

Take advantage of the nearness of the Lac du Flambeau Indian Reservation and pay it a visit. Visit Old Indian Village, home of George Brown, secretary-council for the Chippewas.

Some suggested side trips from Minocqua (this is the heart of some of Wisconsin's best fishing, including muskellunge): east on State 70 to Eagle River; south on U. S. 45 to Three Lakes, home of the fabulous resort "The Northernaire" and its friendly forest animals. Take State 155 north for a look at the St. Germain, Sayner, and Boulder Junction areas—wilderness roads, but good. In this vicinity (you're in Vilas County) there are five lakes where there are no fishing limits or closed seasons (get permit): Escanaba, Pallette, Nebish, Spruce, and Mystery. There are two top-notch camping areas set in Northern Highland Forest (largest in the world): Crystal Lake and Big Muskellunge.

Fourth and fifth days. (Extra day for fishing.) Your destination is Bayfield.

If the fishing bug has bitten you, perhaps you'd better stop over in Manitowish Waters. We heard more loud fishing talk here than anyplace else—especially about muskellunge—439 registered September 1, 1952. The Chamber of Commerce will help you with ac-

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commodations. (Fishing territory mentioned on third day is easily accessible.)

North, at Hurley in the iron-mining district, you pick up U. S. 2. Ashland, with several new modern motels, has a Lake Superior frontage. You'll see big rafts of pulpwood floating in the bay, and Great Lakes ore boats docked for loading.

State 13 through Washburn to Bayfield edges the lake shore. There's ferry service from Bayfield to historic Madeline Island—one of the Apostles out in Lake Superior (round trip 30 cents; car $3.09). Old Mission Inn, built in 1839, has been restored. Tourists like to visit the ancient Indian cemetery.

Pack your lunch and accompany one of the Booth Fisheries boats on their rounds of the islands to pick up fish (adults $2.04; children $1.15). There are actually 22 islands instead of the 12 the early missionaries believed. Bear and deer often can be seen swimming between them. "Hermit" Island is in this group. An educated recluse named Wilson, who flaunted big money, once lived on this island. At his death, men armed with shovels and picks tried to uncover his rumored hidden treasure, but to no avail. Legend says it's still there.

Deep-sea fishing boats can be chartered at Bayfield ($40 a day; usually 8 people share expense).

Children will enjoy the privately owned deer farm on outskirts of town.

Sixth day. Try to reach St. Croix Falls by night, but if you're tempted to linger, get overnight accommodations at either Superior or Hayward.

State 13 hugs Lake Superior most of the way—past the Red Cliff Indian Reservation, over to Cornucopia.

Cornucopia, named because its bay is shaped like the "horn of plenty," lies on Lake Superior, its harbor jammed with commercial-fishing boats.

Superior, with its busy iron-ore docks (largest in world) and its Great Lakes ships gliding in and out of the harbor, is a fascinating sight. Pattison State Park, 12 miles south on State 35, has the state's highest falls—Manitou.

U. S. 53 takes you south through Solon Springs, then State 77 to Minong and Hayward, a good fishing area. The youngsters will get a kick out of Boettcher's deer farm and their pet bears, Buttons and Bows. County Road B out of Hayward is a wilderness drive into the Chippewa Flowage.

On U. S. 63, head south for fishing-wise Spooner, through Shell Lake, with its tempting sand beach, picking up U. S. 8 at Turtle Lake, and on to St. Croix Falls.

Seventh day. In Interstate Park, hike up the 200-foot rocky escarpments for scenic vistas of the St. Croix River. Better yet, take the river trip for close-ups of the unusual rock formations of the St. Croix Dalles: The Old Man of the Dalles, a nature-carved profile; Devil's Chair, with the little devil perched on top; and many others.

It's State 35 all the way to Prairie du Chien. The "Father of Waters" puts in a full-scale appearance at Hager City, and from then on it's scenery de luxe. The road climbs the 700-foot bluffs that shelter Lake Pepin; snakes through old river towns that crowd the highway almost to one-way traffic.

Stop at La Crosse, immune to tornadoes and cyclones because three rivers meet here—La Crosse, Black, and Mississippi—if you believe Indian legends. Drive up Granddad's Bluff, 565 feet above the river, and get a sweeping view of the Mississippi Valley, the Minnesota and Iowa shores, and La Crosse.

A marker south of Genoa is a reminder that this was the site of Black Hawk's last stand—the Battle of the Bad Axe—decisive in opening Wisconsin for settlement.

You wind down into Prairie du Chien, a historic old fur-trading town. You'll be impressed by the old French cemetery, the Brisbois home, the Rose Point Zoo, and Villa Louis, the pioneer fur-trader Dousman's mansion.

If you like natural beauty, don't miss Wyalusing State Park, 3 miles south of Prairie du Chien. This park's 1,671 acres ride the high bluffs along the Mississippi and at Lookout Point (530 feet high) you get a panoramic view of the island-dotted Wisconsin River meeting the Mississippi. From this very point, in 1673, Marquette and Joliet first looked at the Mississippi. Sentinel Ridge is lined with Indian mounds, said to be the most valuable in existence.

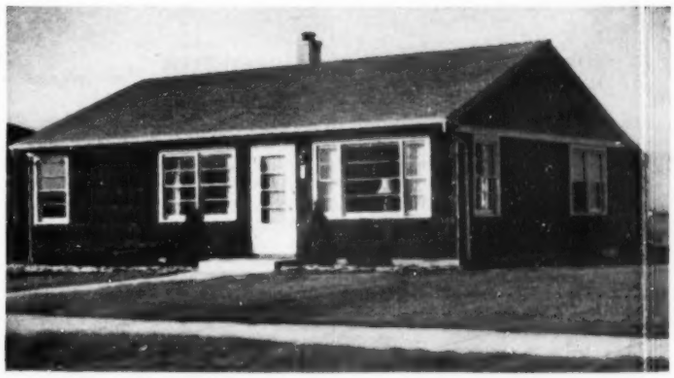
State 60 along the Wisconsin River is a winding, country road. By turning north on U. S. 61, you'll cross green valleys; north on State 131 will show off the Kickapoo Valley apple orchards. At Gotham you'll meet U. S. 14, but east of Spring Green turn south on State 23 for a look at Tower Hill State Park. Gunshot once was manufactured here by dropping hot metal down a shaft (which still stands) to a cool, hardening spring at the bottom.

We expect you'll want to stop over in the Blue Mounds area, so take State 23 south, then east on U. S. 18 and 151. This is the highest point in southern Wisconsin; from the two lookouts you can see seven counties and the capitol dome in Madison.

Eighth day. Have your camera loaded this morning for some colorful pictures at "Nissedahle—valley of the elves," west of Mount Horeb 4 miles. In a deep valley with a stream curling through it, the old homestead of a Norwegian pioneer has been preserved; picturesque sod-roofed houses, tiny cabins with bright blue casements, odd barns and carriage houses, and dignified "Norway Building," all furnished with fine Norse antiques. Guides dress in Norwegian outfits. Picnicking. Admission: 74 cents for adults; 30 cents for children under 12.

At nearby Cave of the Mounds almost every subterranean formation known is found. Ask to see the black-and-white ribbons; they've been seen in only one other cave, in Iceland.

[*Turn to next page*



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Wisconsin

Continued from preceding page

Like to leave the beaten track? Head south from Mount Horeb into the rich southern farming area where milk, cream, and cheese are more important than tourists. In this rolling, pastoral country, the population is dominately Swiss. (Our route is lazy, easy driving. You can extend it. State 92 and 69 south of Mount Horeb to Monroe; State 11 west to South Wayne; State 176 north to Wiota; State 78 north to Argyle; State 81 west to Darlington; State 23 north to Mineral Point; State 39 west, State 78 north back to U. S. 18, 151.)

The Gossner-Kolb Swiss-cheese factory at Darlington—like all others—welcomes visitors. Golden wheels of cheese soaking in brine and aging on shelves are an impressive sight.

Ninth day. This morning it's north on State 78, then U. S. 12 to Wisconsin Dells. Good state park at Devil's Lake, near Baraboo. Take a good look at those quartzite cliffs hemming in the lake—they're the prehistoric Baraboo Mountains.

You needn't worry about the boat trips up The Dells being overcommercialized—the scenery is in its natural state (upper Dells, $2; combination upper and lower, $3.50).

There's no admission charge to Indian Village, summer home of the Winnebagoes, and there's free supervised parking. You'll see Blow Snake, that big Indian with the interesting profile sitting outside an elm-bark wigwam.

Children will enjoy the large collection of Indian dolls at the free museum at Dells Landing. (1-4 p.m. daily.) Bennett Studio, on Broadway, is the oldest photographic studio in this country, and there's a monument honoring Belle Boyd, famous woman Confederate spy who died while lecturing here. Pioneer Village is an outstanding museum of old relics and is well worth the time spent.

Tenth day. Today, the last day of the tour, you visit Madison, capital of Wisconsin. Take U. S. 16 south to Portage, an early portaging place from the Fox to the Wisconsin rivers. The Old Indian Agency House, furnished in Colonial period and boasting a cupboard built by Jeff Davis, is out a short distance on State 33.

Near Poynette, there's an outdoor zoo and game farm you may want to see.

Two miles east of Arlington, you'll run into U. S. 51, a straight road into Madison. Climb the stairs at the capitol and get a view of this lake-surrounded city: Mendota, Monona, and Little Lake Wingra. In the distance is Kegonsa and Waubesa. No wonder there are eight public bathing beaches! Located along Lake Mendota is the beautiful 1,000-acre campus of the University of Wisconsin.

You've covered a lot of ground, had a lot of fun these past 10 days. But what about places like Cassville and Dewey Nelson State Park; the Grotto at Dickeyville; Janesville, home of Carrie Jacobs Bond, and Tallman House; Lake Geneva and Yerkes Observatory; Appleton and its paper mills; Chetek (pronounced She-tack) and its giant bluegill fishing; Copper Falls State Park; Crystal Cave at Spring Valley?

You'll be like the tourist who wrote under the heading "Remarks" in a resort guestbook: "What I want most is more of Wisconsin!"

"Nelson, maybe you can guess it. She doesn't remember the name, but she's humming the commercial."

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Q *Several brown spots appear on my lawn every year. What can I do about them?* *P. R. G., Nebraska*

If your green lawn shows any brown spots after a few hot days, check for carelessly buried rubble and trash.

Probe into brown places with your spading fork or a metal rod. If you hit something hard, you've found the trouble. Trash stops natural upward flow of water in the soil—grass at left has used up all of the available water.

Cut through the sod with a square-bladed spade. Then peel the strips back a little beyond where lawn is green. Spread a piece of burlap or canvas on grass to hold soil and rubble. Pieces of concrete and brick being dug out here were buried only 4 inches below the surface

Photographs: Stanley

When all trash is removed, dump some garden soil in the hole. Tamp soil well so it won't settle unevenly. Fill soil slightly above grass level, then roll sod back as shown. Use back of spade to tamp sod down. Soak deeply with water. Keep it moist so sod can re-establish itself

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See page 265

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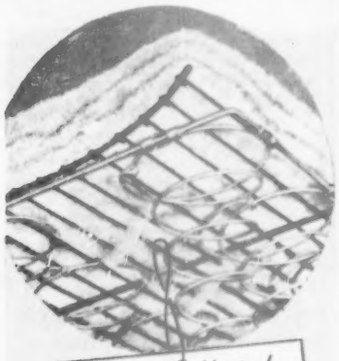

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The best hardy flowering vines

Begins on page 76

For the Deep South, the Star Jasmine is one of best vines for a spot in shade. Though a twiner, some additional support is needed if vine is to decorate smooth surface like this porch pillar in Houston

Cleveland

Glory of the Southwest are the violet-red, crimson, and orange bougainvilleas. Stems are woody but lax, so stout but simple trellises are needed. Vines may reach 30 feet

More on opposite page

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Stanley

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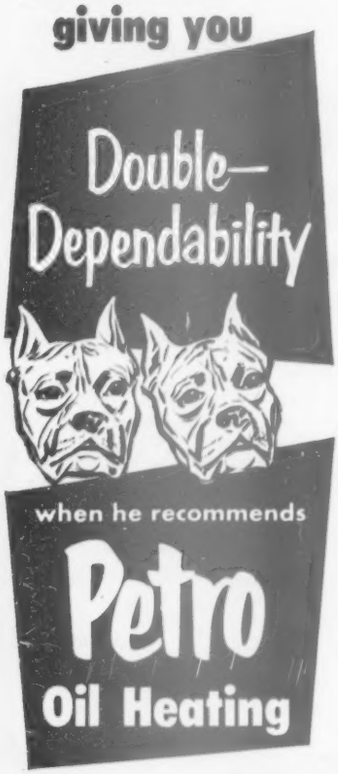

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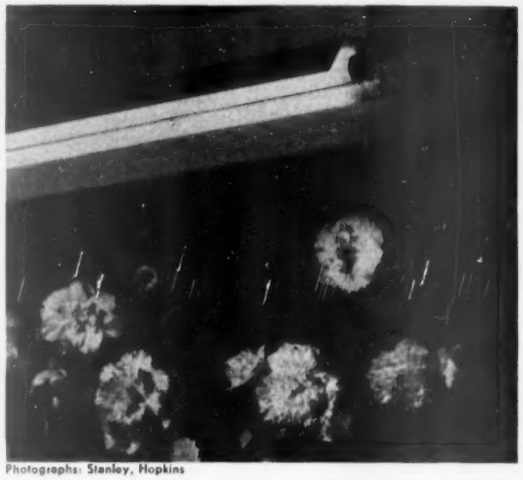
Begonias will bloom this winter!

Would you like your favorite tuberous begonias to flower this winter? Then just reach for the light switch. Soon, bright puffs of color in your window!



Photographs: Stanley, Hopkins

Vigorous, new begonias will make the best display. Start new plants from tip cuttings of your favorite varieties. Insert cuttings 1½ inches deep in sand or vermiculite. Don't crowd the new cuttings. Protect new and old plants from drafts

Light both cuttings and old plants early in the fall. Turn the light on at 4 p.m. every day, and leave it on until 10 p.m. Place fluorescent tubes 12 inches from the plants—incandescent bulbs no closer than 3 feet. Grow in a cool room and give as much natural daylight as possible all winter

Would you like to brighten your winter windows with summer-warm flowers of tuberous begonias? You can. Just give them extra light, and they'll reward you with blooms all winter.

Here's why. Like many summer-blooming plants, tuberous begonias are sensitive to day length.

They flower only when they have long days to stimulate flower buds. When the days are short, they won't produce flowers.

With simple equipment, you can give your tuberous begonias enough light so they will bloom the year round.

This is the way you do it.

Suspend a 60-watt incandescent bulb about 3 feet above your plants. The bulbs give off a lot of heat, so don't place them any closer to the plants.

An inexpensive metal reflector will help direct the light to the plants. One bulb will provide enough light for an area of 4x4 feet.

Turn the light on at 4 in the afternoon, and keep it on until about 10 p.m.

This extra light will provide the stimulation your begonias need to produce flowers.

You can also supply additional light with 85-watt fluorescent fixtures. Place them 12 inches above the plants. Two daylight-white tubes will keep half a dozen tuberous begonias flowering all winter.

Give your begonias this extra light all through the short winter days.

You should also give your begonias as much natural daylight as possible during the winter. The plants will be sturdier, the blooms more colorful.

You can improve your chances for success in several other ways.

Start with vigorous stock. Any time in September, make cuttings of your favorite varieties. To make these, snip off a few strong-growing tips, about 4 or 5 inches long.

Root them in sand or vermiculite, and pot them in 5- or 6-inch pots when the roots are 1½ inches long.

Use a light potting mixture, containing equal amounts of sharp sand, loamy soil, and compost or peat. Dampen this soil mixture thoroughly before you pot the cuttings.

Add a teaspoonful of a complete plant food to each 5-inch pot of soil. And keep the temperature as close to 60 degrees as possible.

Protect both new and old plants from drafts and sudden temperature changes.

Salts will occasionally form on the rims of pots. Leaves touching these salts are damaged, and are frequently killed.

Put a circle of waxed paper over the pot rim, to protect leaves. Cut paper circle to the center so it will fit around the plant stem.

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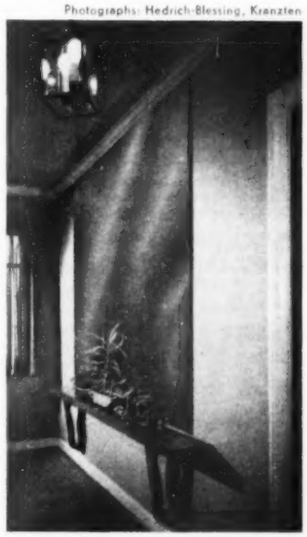
Big ideas for small entries

The luxury of a large entrance hall is gradually disappearing. No matter what the size of the area just inside your front door, it's a guest's first impression of your home. It's the first place to stop muddy feet from tracking onto the living-room rug. It's the last place you adjust your coat collar or take a last look before stepping out for the evening. With the passing of the entrance hall in the old sense, it becomes increasingly important to make the most of the small space available. The two ideas here will help you.

Do you get shudders over wet feet coming in your front door?

These homeowners have a 36-inch section of brick to catch the drips inside their entrance. From the Roland Read home, Ladue, Missouri.

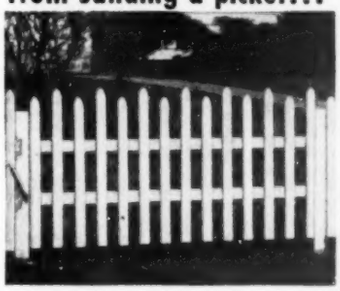
Photographs: Hedrich-Blessing, Kranzten

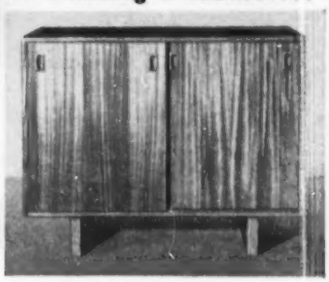


A console shelf of minimum width—only 6 inches—and a generous-size mirror is a smart way to make an entry appear more spacious.

This is from the Vernon Wagner home, Glencoe, Illinois.

From sanding a picket... to building a cabinet...





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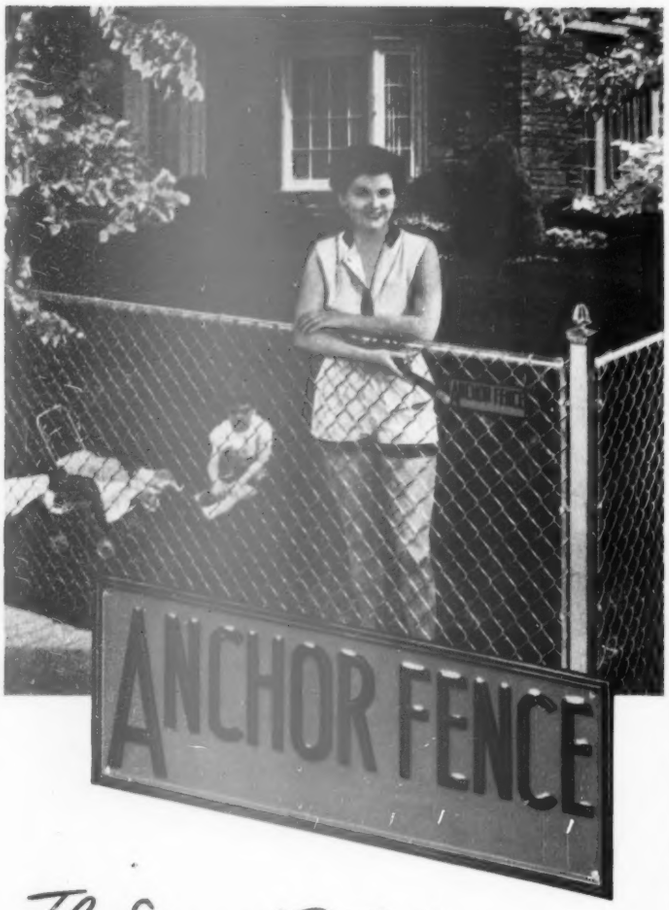

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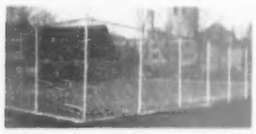

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Corporal
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Medal of Honor

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Then his M-1 jammed. Fixing his bayonet, he leaped out of his foxhole and disappeared in the darkness toward the attacking Reds. They found him in the morning, wounded, ringed with enemy dead. But he had stopped the attack—*alone*.

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*Offer advice on home planning and financing; do not offer help with decorating or furnishing.

What I learned from a neighbor who broke a leg

In the hospital, Joe read up on Dutch bulbs, and I put a border along the fence. While I planted, we got to talking home improvements, and he said, "After busting this leg putting up storm windows, I'm ordering Burrowes Combinations."

"Hm! Wonder if I can afford 'em," I said. But after thinking it over, I called the Burrowes man myself. It was really my wife who got me to sign up, when she saw how we'd *save* money with permanently installed, lifetime aluminum Burrowes Windows.

And was she right. We've cut down fuel bills, doctor bills — and cut out that back-breaking drudgery I used to have twice a year with heavy, old-fashioned storm windows.

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Maybe you ought to send for the free folder on Burrowes all-aluminum Windows — or call in the Burrowes man, like I did.

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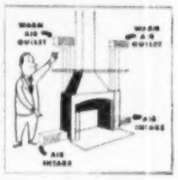

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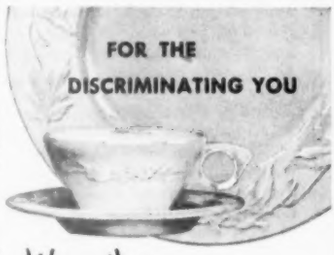

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Eyecatching picture

By Polly Cramer

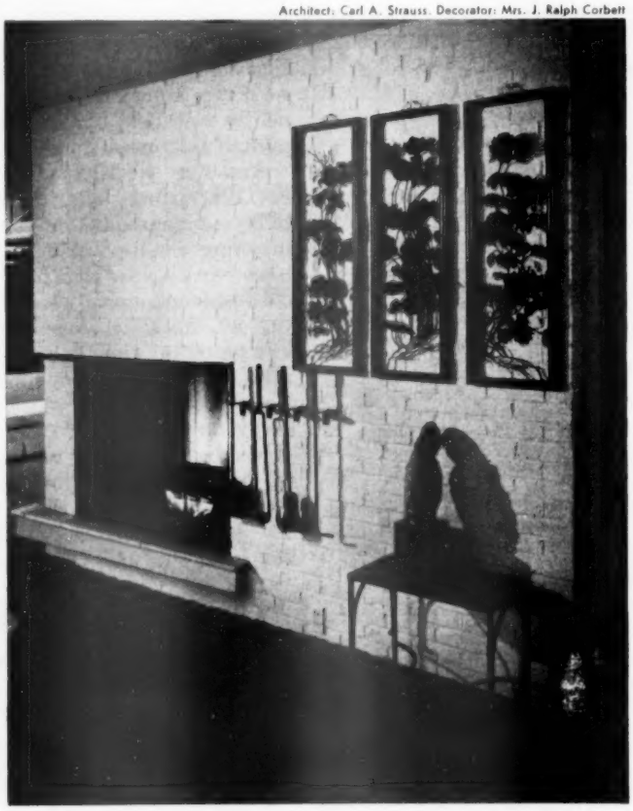
Before you drive that nail in the wall, think! What is your picture treatment going to do for the room? Even the loveliest picture you have can spoil the effect of a whole room if it's placed without care.

Get *drama* into your wall arrangements. Try for unusual, different effects. Just remember to place your wall hangings so they seem to *belong* to your furniture groupings or the architectural features they grace. Keep pictures in scale with wall space, or the furniture over which they hang—put your large groupings on a broad expanse of wall, and use your small prints over a small desk or table. Let pictures or frames contrast the wall.

Here's a tip to help you get just the effects you want: Cut pieces of paper to the size of the pictures, and experiment by hanging them in different arrangements with masking tape (it won't mar your walls).

Look over these arrangements from the J. Ralph Corbett home in Cincinnati, for ideas *you* can use!

Architect: Carl A. Strauss. Decorator: Mrs. J. Ralph Corbett



Off-center arrangements are dramatic

Three panels depicting the Chinese seasons make a striking decoration for this white brick fireplace wall. Note how the bottom of the panels lines up with top of the fireplace opening to tie together this informal arrangement. The sculptured head on the table under the hangings gives necessary balance to the grouping

arrangements

Try a gallery-style arrangement

This collection of paintings is massed along one wall, emphasizing the line of the stair. Ceiling spotlights dramatize the arrangement. A grouping this size is ideal for a hall, where furniture must be limited. Arrange in pleasing pattern, giving each proper importance

Photographs: Hedrich-Blessing

Wide mat adds importance, contrast

One large picture, dramatized with a wide frame contrasting the dark wall, makes an effective treatment for this dining-area wall. See how the picture seems to fit in the wall space and ties the furniture group together in a separate unit. The picture is placed low enough on wall to be in close relationship to the table group

Architects: Keys, Smith, Satterlee, and Lethbridge, Washington, D.C.

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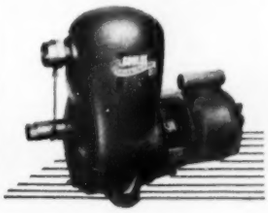
How to save money in the food store...

See page 265



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Yes, woven!—because only actual weaving can produce these richly lustrous, extra-heavy taffeta labels! Sew them proudly into everything you knit, crochet or sew! Your name (in 20 letters or less) is embossed by hand on each. Your money refunded if you're not thoroughly pleased!

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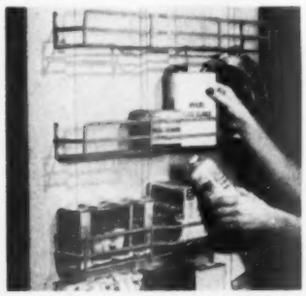
Through the Shops

with Better Homes & Gardens

Inflatable world globe is fun to study, makes geography and current events entertaining for everyone in the family. Youngsters find it exciting to do their homework with a bouncing world. Made of Vinylite plastic, 16" in diameter, with colorful, easy-to-read boundaries and names. *Atlasphere*, $2, ppd. Bodine's, 444 E. Belvedere Ave., Baltimore 12, Md.

Get your windows clean faster. With one hand you can spray cleaner on glass and mirrors and immediately wipe it dry. Squeeze the bottle, and glass cleaner comes out in a fine spray. The wiper is built into the cap. Carry it in the car to keep the windshield clean. *One Stroke Window Cleaner*, $1.29, ppd. Mastercraft, 212 Summer, Boston 10, Mass.

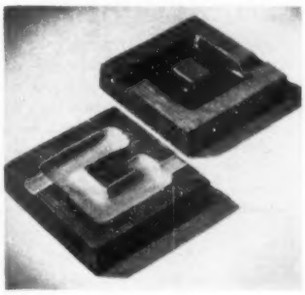
Tiniest ball and glove for the tiniest tot! It's a tinkly, playful rattle for a new baby! Little glove (just 4" long) is soft rubber, and the jingle bell rings when baby gets his hand in the mitt to play with the ball. *Little Champ Ball and Glove*, $1, ppd. The Gift Box, 2424 University, Des Moines 11, Iowa.



Metal racks hold an amazing amount of stored kitchen supplies and foodstuffs. Using the back side of one door, you can have the equivalent of an old-fashioned big pantry. Gray-enameled metal shelves are available singly or in a set of seven that outfits a complete door. *Stor-a-Dor Shelves*, 26" width, $1.79 each; set of 7, $10.95; ppd. Missouri National Corp., 2109 Olive St., St. Louis 3, Mo.

Hanging lantern lights your porch and patio with a soft glow. Frame is verdigris-finish wrought iron. Candle is protected from wind by a chimney of hand-blown topaz glass. *Hanging Post Lantern*, $5.95 each, ppd.; $10.95 per pair. Gilbert and Leonard, 1544 Northern Blvd., Manhasset, N.Y.

Like to smarten up your kitchen cupboard with a set of canisters of your own design? Save shortening and coffee cans, paint them or cover them with wallpaper or decals. Then snap on one of these plastic lids, made just the right size to give you a tight seal. Lids are semitransparent to show what's inside. Set of four *Vacu-Fresh Can Covers*, 75c, ppd. Miles Kimball Co., 25 Algoma Blvd., Oshkosh, Wis.

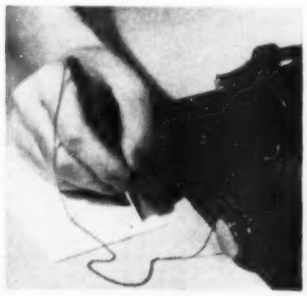


Spell out the family monogram on your coffee table. These giant block letters are he-man size ashtrays, 6″ square, made up in the shape of any letter. Glazed ceramic initials, chartreuse or green, with "driftwood"-finish rims. *Personalized Ashtrays*, $3.95 for two, ppd. Specify initials. Noric House, 52 March Lane, Westbury, N.Y.

From India comes the most exquisite of craftsmanship in specialty brasswork. The bowl with its simple, smart lines is intricately carved. With matching candleholders, set gives charm and taste to mantel and table decorations. Bowl is 5″ in diameter. Imported India brass *Bowl and Candlesticks*, $6.95, ppd. A. J. Wurts Creations, 4301 Atlas, Oakland 19, Calif.

Sponge mops are specially designed to speed bathroom cleaning. The small one swabs the washbasin; long-handled sponge reaches across the bathtub to scrub away the "ring"; third is for cleaning the toilet bowl. Sponges are mounted on aluminum shafts with plastic handles. Set of three *Master Bathroom Sponges*, $3.95, ppd. V. F. Garrett Co., P. O. Box 1143-3, Dallas, Tex.

Insects won't gather at the garbage pail if you use these disposable bags. Kraft paper is impregnated with chemicals that kill insects coming in contact with it. Harmless to pets. Bag has a pleasant cedar aroma to combat unpleasant garbage odors. *Health-Guard Garbage Bags*, package of 50, $1.75, ppd. Lewis & Conger, Avenue of the Americas at 45th St., New York 36, N.Y.



Are you always needing a pencil at the telephone? This one can't get away. When pencil is not in use, retracting chain winds up in the cylinder case which is attached to the telephone. The pencil rests on cradle. Will fit any rectangular-base telephone. *Tel Attach Pencil*, $1.75, ppd. The Hudelson House, Pomona, Kans.

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RUFFLED — 6″ baby headed, dainty edged, permanently stitched ruffles. All sizes wide enough to criss-cross (as shown) or hang Priscilla style.

Width to pair	Length	Usually	NOW	Width to pair	Length	Usually	NOW
86″	36″	$ 6.98	$ 4.59	90″	36″	$ 4.98	$ 2.98
86″	45″	7.98	4.98	90″	45″	5.49	3.49
86″	54″	8.98	5.59	90″	54″	5.98	3.98
86″	63″	9.98	5.98	90″	63″	6.98	4.49
86″	72″	10.98	6.59	90″	72″	7.98	4.98
86″	81″	11.98	7.39	90″	81″	8.49	5.49
86″	90″	12.98	7.98	90″	90″	8.98	5.98
86″	99″	13.98	8.59	90″	99″	9.98	6.49
174″ (Double Width)	72″	19.98	12.98	168″ (Double)	72″	16.98	9.98
174″ (Double Width)	81″	21.98	13.98	168″ (Double)	81″	18.98	10.98
174″ (Double Width)	90″	23.98	14.98	168″ (Double)	90″	20.98	11.98
174″ (Double Width)	99″	25.98	15.98	168″ (Double)	99″	22.98	12.98
250″ (Triple Width)	72″	29.98	20.98	246″ (Triple)	72″	23.98	14.98
250″ (Triple Width)	81″	31.98	21.98	246″ (Triple)	81″	26.98	15.98
250″ (Triple Width)	90″	33.98	22.98	246″ (Triple)	90″	28.98	16.98
250″ (Triple Width)	99″	35.98	23.98	246″ (Triple)	99″	30.98	17.98
324″ (Quadruple Width)	90″	45.98	32.98	330″ (Quadruple)	90″	36.98	24.98

TAILORED — Distinguish any room. Double stitched 1½″ side hems. Ample bottom hems, beautifully stitched.

78″ wide to pair	Length	Usually	NOW	78″ wide to pair	Length	Usually	NOW
"	36″	$ 4.59	$ 2.98	"	36″	$3.49	$1.99
"	45″	4.98	3.29	"	45″	3.98	2.39
"	54″	5.59	3.69	"	54″	4.49	2.79
"	63″	6.39	4.29	"	63″	4.79	3.19
"	72″	6.69	4.69	"	72″	4.98	3.59
"	81″	7.39	5.29	"	81″	5.49	3.98
"	90″	7.98	5.69	"	90″	5.79	4.39
"	99″	8.39	6.29	"	99″	5.98	4.79
"	108″	8.98	6.69	"	108″	6.49	5.19

TIERS — Add that elegant "decorator" look to a room. Use singly or tier on tier (illustration shows two pairs).

72″ wide to pair	Length	Usually		78″ wide to pair	Length	Usually	NOW
"	30″	$ 4.29	$ 2.69	"	30″	$3.49	$1.99
"	36″	4.69	2.89	"	36″	3.98	2.19
"	40″	4.89	3.09	"	40″	4.49	2.39
"	45″	5.29	3.39	"	45″	4.98	2.59

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City..... State..... M.O. ☐

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OAK and MAPLE

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Graceful Colonial-style knockers in glowing solid brass! Your own name (up to 12 letters and spaces) engraved on the large, 3" x 6" knocker. Your 3 initials on the smaller 1¾" x 4" apartment-size knocker. Order No. PE-6011-Large Knocker, $3.75. PE-6011a-Small Knocker, $2.25, postpaid.

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How to wake up young appetites...

See page 265

CORD SHORTENER
SHORTENS UNTIDY CORDS SAFELY!

Does the floor behind the sofa look like an explosion in a spaghetti factory? Does your TV trip the unwary? Is there enough cord on your clock to reach from here to Hoover Dam? What you need is some Cord Shorteners! Just wrap the excess cord around Cord Shortener, hook it on each end to prevent unwinding—and never again will your cords leap into your vacuum cleaner or writhe in your dustmop. A low-cost solution to one of life's little irritations!

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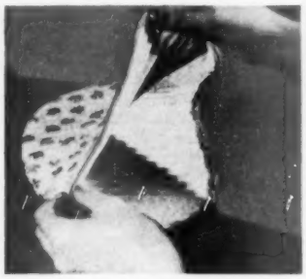
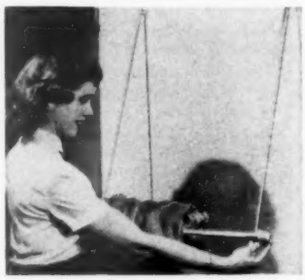
Through the Shops

with Better Homes & Gardens

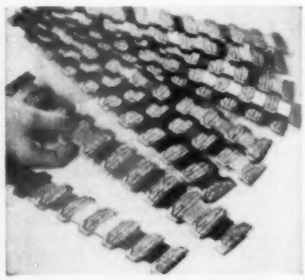
Design your own fabrics for place mats, tablecloths, draperies, skirts, ties, chair covers. Here's a set of water-mix fabric paints that won't fade or wash out and can be dry-cleaned. Basic stencil patterns are supplied, or you can cut your own. *Fabricolor Set* of 6 colors, brush, knife, $3.50, ppd. Artone Color Corp., 17-19-21 W. Third St., New York 12, N.Y.



Ingenious, absorbent cap is a neat, quick way to dry your hair. Crystals of silica gel, which drink up moisture, are quilted into the cap. In illustration you can see the inner drying ridges. When cap is worn, crystals absorb dampness from the hair. *Wonderway Hair Dryer Cap*, $2.98, ppd. J. H. Smith Co., Inc., Pierce St., Greenfield, Mass.

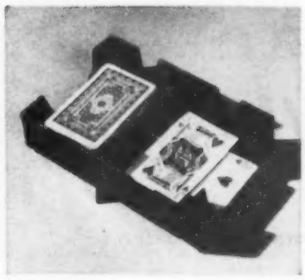


Magic solution to the problem of what to do with bedspreads when you take them off beds at night. Use a bedspread bar on the back of a door, where blankets and spreads are out of sight and out of the way. Keeps them clean and unwrinkled. Spread hanger has a natural wood bar, beige cords or ivory finish with ivory cords. It fastens to door with two tiny screws, $1.50, ppd. Simonson Associates, 16 W. 23rd St., New York 10, N.Y.



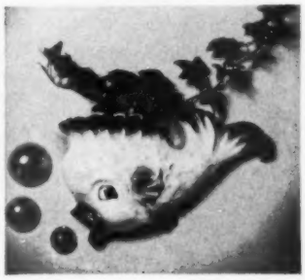
Every color you can imagine is here in this carded sewing thread. No matter what the repair job, you should find a matching thread among these 90 colors. There are 100 corrugated spools of No. 50 mercerized cotton thread. *Magic Match Thread*, $1, for the collection. Barclay Grant & Co., Inc., Dept. BG, 151 E. 81st St., New York 28, N.Y.

Do plants droop at your touch, do they refuse to respond to your green thumb? Here's a first-aid kit for plants that's full of emergency treatments, plus instructions for watering, feeding, draining, cleaning, insect controls, transplanting. *Plant Survival Kit*, $2.50, ppd. Merrill Ann Creations, 102B Warren St., New York 7, N.Y.



A touch of your finger brings the deck right around to you! Canasta tray has a Lazy Susan revolving base; the cards rotate to each player in turn. It's a novel way to speed up the game. Plastic *La-Z Turn Canasta Tray*, $1.25, ppd. Ward Phillips Co., Carpentersville, Ill.

At last a smart and clever way to decorate your bathroom walls! Ceramic fish blowing gold bubbles is a pocket planter to hold your favorite vines. Available in pink, green, yellow, and aqua, decorated with a mother-of-pearl luster. Fish is about 9″ long with flat back for hanging. *Fish & Bubbles*, $4.50, ppd. Look Nook, 4120 University, Des Moines 11, Iowa.



You would be surprised at the beautiful rug you can braid at home in your spare time. It's not hard to do with this kit of braiding essentials and complete instruction book by an expert. Kit includes set of braiders, braid holder, gauge, lacer, and linen thread. *Fern Carter's Braided Rug Box*, $4, ppd. 1524 S.E. Poplar Ave., Portland 14, Oreg.

Sweet tooth in the family? Pamper the sundae crowd with chocolate-topped ice cream. For an extra fillip, try chocolate curls on cakes, puddings, and sauce-topped desserts. Hardwood grater shaves curls and whirls of chocolate when you twist it. *Chocolate Chipper*, $1.29, ppd. Burdine's, 22 E. Flagler St., Miami 30, Fla.

Name-plate gift for a family that likes to entertain is a handled server of polished maple with a French Provincial finish. The family name is hand-etched on a brass plate which is fixed to the handle. Server hangs on wall by a leather thong when not in use passing around snacks. Bowl is 9″ across. *Server*, $4.95, ppd. Give name to be etched on handle plate. Ruth Herleman Studio, S. 42nd St., Quincy, Ill.

Silver holders for condiment bottles will make them presentable at any table. They are particularly smart when grouped on a Lazy Susan. They are imported from England, heavy silverplate on copper base with a pierced design. The holders are made to fit catsup, A-1 Sauce, Worcestershire, and mustard. *Silver Fancy Pants*, $5 each, ppd. Market Combers, Box 3282, Station F, Atlanta, Ga.

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Fine clothing of beautiful wear-resistant Harris Tweed woolens tailored to your measure in Great Britain by "Sartor". Suits, overcoats, topcoats, sports coats and trousers—man tailored for men. Tailored suits and coats for women. All garments also available in lighter weight Irish and English Tweeds.

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All patterns of tweed cloth are also supplied in any length for home tailoring. Prices are most reasonable for these 100% virgin wool imported tweeds.

Send 50 cents for 40 cut samples of these beautiful imported tweed patterns, photo-illustrated stylebooklets, price lists and self-measure order forms. Your 50 cents will be allowed on your first order or refunded upon return of the samples.

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"...the Loveliest Broadloom Rugs I've Ever Seen for SO LITTLE MONEY"
Smart NEW Texture Effects
52 Exquisite Colors, Patterns
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Almost ½ inch thick
Any width up to 16 ft., any length
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Over 3 Million Women have made the thrilling discovery that the seasoned wool and other material in their discarded rugs, carpets, clothing, etc., are valuable and can be scientifically reclaimed, shredded, sterilized, merged, the old colors bleached, then carded with choice new wools, respun, redyed and rewoven into beautiful, new, deep-textured Reversible Broadloom Rugs "fine enough for any home."
You'll Say: "AMAZING!"
Learn how you can get luxurious new rugs by sending your discarded materials to the Olson Factory at our expense.
Why pay for costly wool when you have more usable material than you realize?
We Promise You the finest rugs you ever had for so little money. You risk nothing by a trial. We Guarantee Satisfaction. Our 79th Year.
Choice of 52 solid, two-tone colors, Leaf, Floral, Early American, Oriental designs, Embossed Effects, and Ranch House Moderns regardless of colors in your materials. Any size up to 16 ft. wide, any length. Orders completed in about a week. You can't get Olson Rugs in stores or thru agents, only from the Factory.
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Miles Kimball, 2 Bond St., Oshkosh, Wis.

How to thrill your family at dinner tonight...

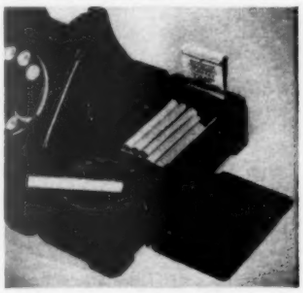
See page 265

Through the Shops

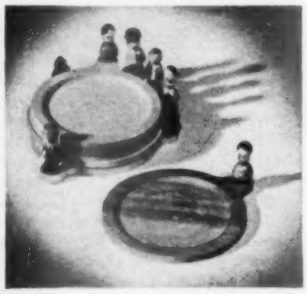
with Better Homes & Gardens

The tail of this little porker is your knife—always right there ready for use. Porky himself is 7¾" long with block feet, a natural top, and a red paint job underside. *Piggy Slicin' n' Dicin' Board*, $1.79, ppd. Green Gable Gifts, 1554 Third Ave., New York 28, N.Y.

Spotlight your garden with weatherproof lighting unit that can be used outdoors and in. Holder is available with a spike base for installing in garden or a self-supporting universal mounting bracket (illustrated) that fits standard floor, wall, or ceiling outlet. *Floodlight*, $1.95, ppd. Specify universal base plate or garden-spike mounting. *Spot or Flood Lamp*, $1.75. Lightscapers, 835 S. San Fernando Road, Burbank 53, Calif.



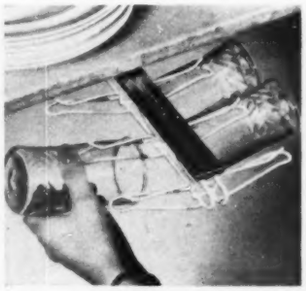
Side-saddle cigarette box and ashtray clips right to the telephone. Saves you fretting for an ashtray while on the phone, or stretching for your pack of smokes. Black plastic box (with cover over the cigarettes and a glass tray) fits in with the design of your telephone. *Talk-N-Smoke Teletray*, $2.98, ppd. Bingham's, 505 Fifth Ave., New York 17, N.Y.



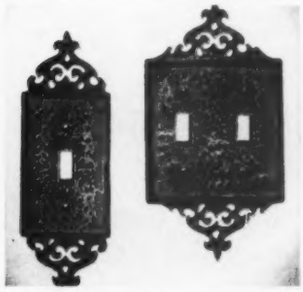
Give the children their own coasters and they'll soon learn to save the furniture. These are especially for the youngsters and have romantic little story folk carved of wood and decorated in shining colors. They are imported from the Tyrol. Set of six, *Kiddie Coasters*, $1.50, ppd. Southwestern Gifts, 630 E. Alameda, Santa Fe, N. Mex.

Twist of the wrist wrings out this wet mop. Unhook the metal handle, give it a turn, and the cotton mophead is squeezed dry. Mop has a rectangular metal frame which makes the job of cleaning corners easier. *So-Ez-E Self-Wringing Mop*, $2.98, ppd. Johnson's, 211 Home Federal Bldg., Des Moines, Iowa.

Animal plaques are made to stand out about an inch from the wall, throwing a shadow that gives an interesting illusion of depth. Animals are natural color, oil painted by silk-screen method on durable board. Figures are from 14" to 18" wide. Zebra with baby, deer with fawn, pony, giraffe with baby, flamingo, penguin. *Animal Plaques*, $1.25 each, ppd. Welco Products Co., 1710 E. Pacific Coast Highway, Long Beach 6, Calif.

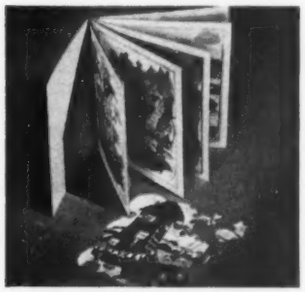


Store your glasses up out of the way on a sliding rack that attaches to the underside of your cupboard shelf. Rubber-coated wire supports grip the glasses securely, yet they are easy to slip on and off. Rack is 7½" wide, 12¼" front to back. It holds 8 glasses. *Glide-Away Glass Rack*, $1.98, ppd. Downs & Co., Dept. 1242, Evanston, Ill.



Decorative switch plates add a charming finishing touch to an attractive interior. These aluminum plates are available in either a hammered Swedish finish or in solid black; and for one or two switches or for wall plugs. *Wall Switch Plate*, $1.50 for single size; $1.75 for double switch or plug plate; ppd. William Spencer, 710 Chestnut St., Philadelphia 6, Pa.

Here's a whimsical note from the past in a cigarette server and ashtray. Tiny Cape Cod lamp holds cigarettes in the glass, ashes in the bowl. As a miniature planter, you can grow ivy in the hurricane chimney. *Cape Cod Cigarette Tray*, $1.10, ppd. Amy Abbott, Inc., 344 W. 52nd St., New York 19, N.Y.



Puzzled for a nursery-age gift? Youngsters seem never to tire of working jigsaw puzzles, and here's a whole book of puzzles to keep them busy. Five nursery-rhyme jigsaws fit into little frame trays which are bound together like a book. *Nursery Jigsaws*, $1.25, ppd. House of Tullius, Box 3493, Chicago 54, Ill.

Cat-nap pillow for chair dozers, sofa slouchers, TV addicts, is curved to fit the tired neck. Pillow provides a perfect alibi for anyone trying to excuse 40 winks—it's decorated with leaping sheep and drowsy song titles. Extra comfortable, too, pillow is filled with shredded foam rubber and covered in cuddlesome cotton. *Cat-Nap Pillow*, $2.95, ppd. Art Anson Articles, 1901 S. 12th St., Allentown, Pa.

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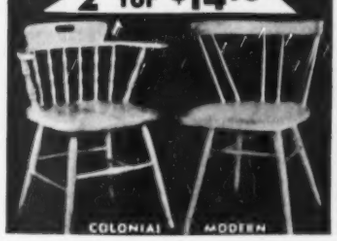

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September, 1953

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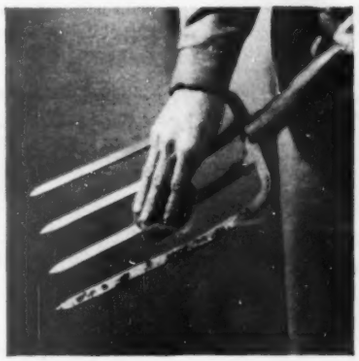
HOW-TO

for the home gardener



Tool tip. Mud-free, polished garden tools are easy to use.

Keep a box of steel-wool pads where you store your hoe, rake, other tools.

After each use, scrape the sticky dirt deposits off with a putty knife or other scraper. Then scour the blades or tines with a pad of steel wool.

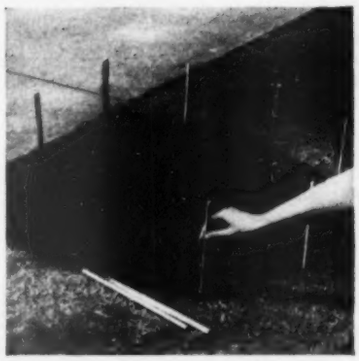
Ben Gordan
Springfield, Ohio

Close shave. If your problem is grass growing beneath your own or your neighbor's line fence—out of mowing range—an electric trimmer is a good solution.

Tilt the blade downward, and move it like a saw. Keep hands from cutting edge.

Short grass won't catch and hold leaves this fall.

Mrs. Duane Gezel
Fort Wayne, Indiana



Spot protection. You can't avoid tramping of a newly seeded area where there's foot traffic, unless you let passers-by know it's there.

Easy, inexpensive way to mark such a spot until you have a good stand of grass is with stakes or wooden sticks. Push them into the ground firmly so they clearly outline the planted area.

Mrs. Helen Sheffield
Houston, Texas

Photographs: Stanley

Weekly bath. Hot, dry summers are hard on evergreens.

Soak the ground under new trees often for their first two years to establish strong, well-developed root growth.

Turn your hose into foliage occasionally to wash away dust, grime, and insects.

Robert Wilson
Omaha, Nebraska

We will pay $10 for each idea accepted. Unusable ideas cannot be returned. Send to: Garden Editor, Better Homes & Gardens, Des Moines 3, Iowa.

The THORO System
SINCE 1912

THOROSEAL

To keep WATER OUT of your masonry wall

5 Reasons why this original of all masonry protectors has led the field and stays at the top of the preferred list of world famous engineers

ONE — Prepared in accordance with United States Government Patent No. 2056387.

TWO — Every particle is specially coated and waterproofed.

THREE — Milled and ground with special equipment to offer enduring protection to masonry surfaces.

FOUR — Contains specially-selected quartz ground to exact size to give structural strength and body to resist weathering.

FIVE — Contains titanium dioxide, the most enduring pigment known to present-day chemistry, to give weathering and plastic qualities that radiate beauty and glistening color.

a Thorosealed home in California mountains

One coat of THOROSEAL, White; Finish coat Pearl Gray QUICKSEAL

THOROSEAL Seals the surface of masonry walls, keeps water out.

WATERPLUG Stops leaks instantly in masonry walls, adds strength.

QUICKSEAL Beautiful protective finish coat in pastel shades.

So easy to apply to any masonry surface.

Get our pictorially described literature—"HOW TO DO IT" »

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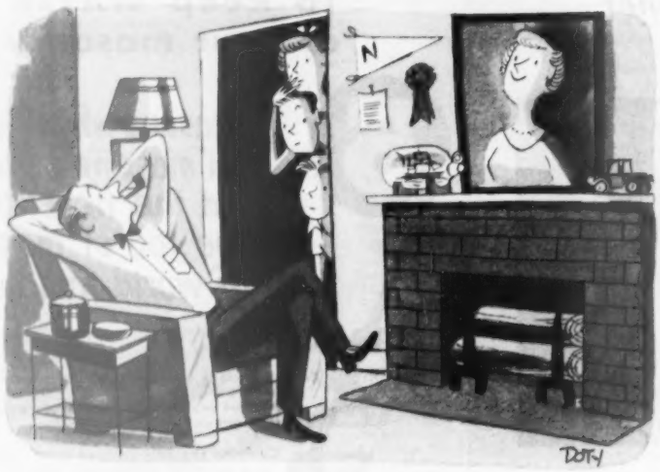
THE MAN NEXT DOOR®



Had a 4-foot enlargement photograph made of the irresistible blonde who lured me into her life awhile back, and hung it over the fireplace in my refurnished study. The children have been staring at me in awe. The blonde herself just said, "Silly thing!" and baked me a cake.

+ + +

You won't have to worry about old age if you do too much worrying while you are young.

+ + +

"If you have an ulcer," says my friend at the club, Jeff Jeffries, "it's a sure sign that you are the self-startin', hard-hittin', stem-windin' individual most likely to succeed in having another."

+ + +

Among the things that have surprised my Christine and me lately is the fact that, despite many years of being married and in love, we are "maladjusted to each other." Didn't suspect it at all until our erudite teen-ager pointed it out after reading a book.

+ + +

Glory be, nearly half the chrysanthemums I planted so enthusiastically in April, then ignored, have survived the drouth and bugs of summer. Nature and my wife will now team to work them into shape for fall flowering.

+ + +

"Experience is what you get," says Uncle Dodd Buckner, in from his farm, "when you are expecting something else."

+ + +

"You don't receive an education, Son," I overheard Bob Hannelly, Ph.D., coaching a young friend, "you achieve it."

Good work and hearty laughter may not make you forgive your enemies, but it will make you forget you have them.

+ + +

Sure, money talks. It says good-bye.

+ + +

A. K. (for Alley Kat), our mangy, hypocritical old family pet, will show up at mealtime, love us with great show of affection until we feed him, then depart without having done any mousing or other gainful work. Reminds me of some of my kinfolk.

+ + +

You can't judge the importance of things by their size. Many a woman's tiny little thumb has a great big man under it.

+ + +

The confounded Communists have gypped me again. I paid $25 for two season tickets for our local college games this fall, only to learn that the star quarterback and four linemen had been drafted.

+ + +

"Avoid pride that turns your nose up," counsels Grandmother Hillis. "Possess pride that keeps your chin up."

+ + +

A great nuclear scientist has just announced that 1/450 of a pound of radium has energy to lift a battleship to the top of the Alps. He's late. The Man of Galilee announced 2,000 years ago that faith the size of a mustard seed—1/500 of a pound—could hurl a mountain into the sea.

+ + +

Bill Norman's shoulder had to be given heat treatment, then bandaged for three days. Seems he walked by the high-school stadium and got lured into heaving a few forward passes with his son's friends.

I know my Christine is an exceptionally good wife—she can constantly hear me and the children tell all our troubles, without bothering to bore us with any of her own.

+ + +

Too much time is wasted arguing about the religion we don't have.

+ + +

"A lot of our cars nowadays can shift for themselves," said Ned Preston yesterday, in the barber chair, "which is more than a lot of our people can do."

+ + +

September is such a wonder-full month. For a while I wonder how I ever stood that exhausting summer heat, then I wonder how I can possibly stand winter's cold. "You are aging too rapidly, dear," is my Christine's only comment.

+ + +

If our Westside High School doesn't win the football championship again this fall, it won't be for lack of practice. By mid-August the girls in our block alone had written and rehearsed six new yells and perfected four new drum-majorette routines.

+ + +

Your family success is showing if: Whoever gets up first, starts breakfast for everybody . . . the kids like to bring their guests home . . . debt is a common enemy, not just Pop's . . . a daughter talks over with you her best dates . . . a son asks your advice on "how to handle girls" . . . neighbors will borrow your yard tools without asking, and expect you to do the same . . . Pop formally "dates" Mom once a month and the kids help make it an occasion.

Burton Hillis

Exciting new 1953 Studebaker receives Fashion Academy Award!

Gold medal for outstanding design and distinctive styling presented to the new American car with the European look

THE directors of Fashion Academy, the noted New York school of fashion design, have awarded Studebaker their 1953 gold medal for style and design.

Leading authorities on car styling enthusiastically join with motorists everywhere in acclaiming the 1953 Studebaker's distinction.

"There can be no question about it," reports Motor World, "Studebaker has, with its new model, made every other American car look ten years older."

Own a Fashion Academy Award beauty yourself—an excitingly different new Studebaker sedan, coupe or hard-top—a Champion in the lowest price field—or a brilliantly powered Commander V-8.

Arrange to drive this dramatically distinctive new American car with the low-swung European look—the car that officially proved itself a gasoline mileage star in this year's Mobilgas Economy Run. Order your new 1953 Studebaker right away. Prices are down to earth.

Commander V-8 Regal Starlight coupe for five. Chrome wheel discs, white sidewalls—and glare-reducing tinted glass—optional at extra cost.

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For young America at play... pure, refreshing Coke

Young folks have a way of making parties click.
They spin a record, cut a caper
. . . pause now and then
for the delicious charm of Coca-Cola.
Of course, that's the traditional, American way.
Four generations have planned their fun
and frolic around the sparkling goodness
of ice-cold Coca-Cola.

"COKE" IS A REGISTERED TRADE-MARK.

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